Figure 1

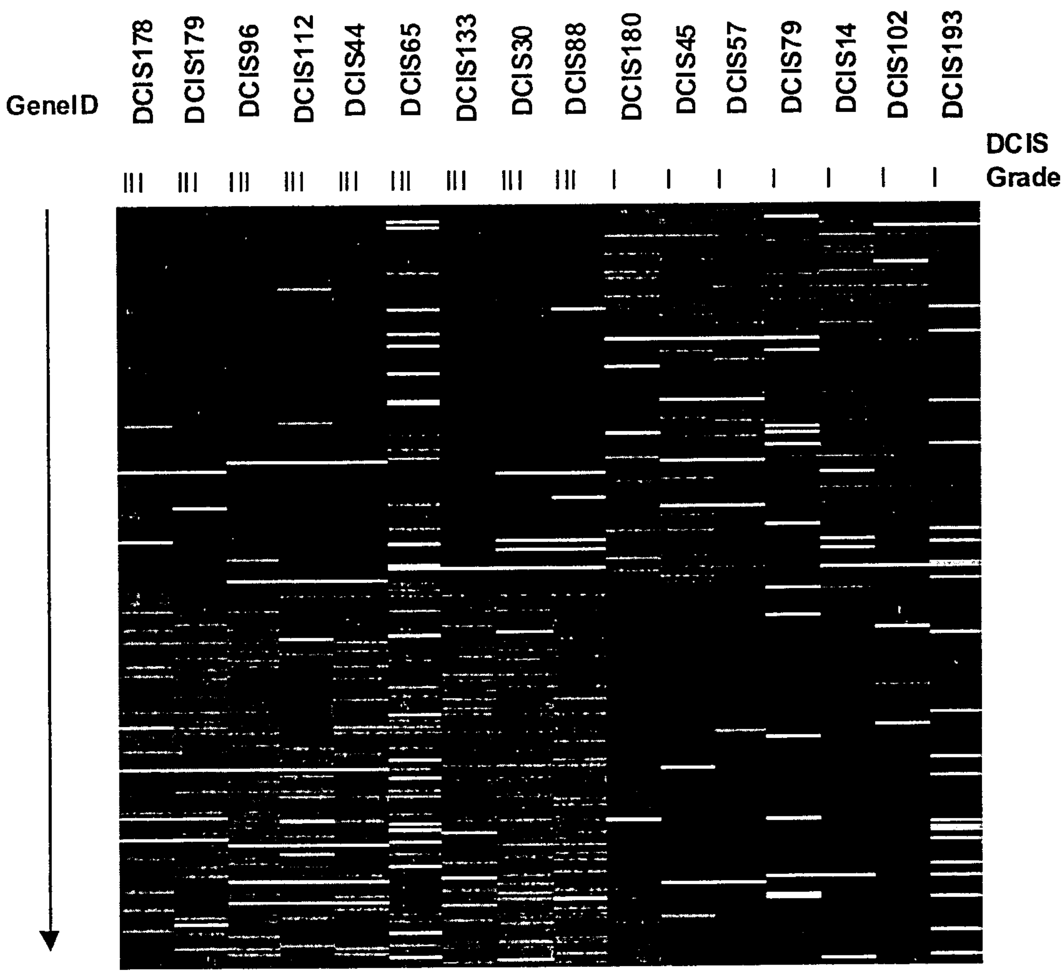
GeneID
DCIS178
DCIS179
DCIS96
DCIS112
DCIS44
DCIS65
DCIS133
DCIS30
DCIS88
DCIS180
DCIS45
DCIS57
DCIS79
DCIS14
DCIS102
DCIS193
DCIS Grade
III III III III III III III III III I I I I I I I

Figure 2

CloneID	Weight	DCIS131	DCIS180	DCIS45	DCIS57	DCIS178	DCIS179	DCIS130	DCIS96	DCIS112	DCIS170	DCIS44	DCIS43
825470	0.9946555	1.6	-1	1.3	-2.3	2.2	-1.1	1.2	5.3	1.6	1.6	1	2.2
595213	0.9884884	1.7	-1.1	1.1	-1.8	1.7	-1		1.4	-1.2	1.8	1.3	
796694	0.9852686	1.8	-1.4	-1.6	-2.7	2.3	1.8	3.1	4.5	1.3	1.2	1	13.9
1404774	-1.563874	1.4	-1.4	2.4	2.6	1.3	1.1	-2.1	-1.5	-1.2	-1.5	1.1	
823871	-1.526046	-3	-2.3	-2.9	-2.3	-1.3	-1.4	-2.3	-2	-1.8	-2.1	-1.9	
1882697	-1.401878	-1.6	0	1.2	-1.1	-1.5		-1.2	-1.2	-1.9	2.1	-2.7	
140071	-1.388195	-3.4	-1.3	-1.5	-1.3	-1	-1.1	-1.2	1.2	-1.5	-1.1	-1	
160192	-1.255166	-3.2	-1.8	-2.7	-3.8	-3.2	-1.3		-3.3	-5.1	-4.4	-4.9	
796542	-1.140185	-4.2	-1.5	-3.1	-2.2	-1.5							
611532	-1.12276	-5.6	1.2	-2.8	1.5	-1.4	-3.1	-4.2					-1

CloneID	Weight	DCIS173	DCIS148	DCIS191	DCIS22	DCIS198	DCIS79	DCIS169	DCIS183	DCIS41	DCIS65	DCIS133	DCIS14
825470	0.9946555	-2.5	-1	-1.9		2.5	-1.3	2.9	1.5	-2	2.6	1.6	1.1
595213	0.9884884	2.1				1.8	-1.2	1.7	1.1	-1.6	-1.7	2.2	-1.1
796694	0.9852686		-1.7	-1.6		1.2	1.1	2.6	2.5		2.7	2.5	1
1404774	-1.563874					1.1	-2.9	-1.3	-1.1	-2.7	-2.8	-3	-1.3
823871	-1.526046					-1.2	-1.6	-1.7	-2.2				
1882697	-1.401878	-2.5	-1	-1.4	-1.3	-1	-1.5	-2	-1.8	-2.2	-1.4	-1.9	-1.4
140071	-1.388195					1.2	-1.6	-1.6	-1				
160192	-1.255166		1.2			-1.5		-2.4	-2.8			-1.5	
796542	-1.140185	-1.4	-1.6	-1.5	-2	-1.6	-1.5	-2.6	-1.9	-2.1	1.2	-1.1	-1.9
611532	-1.12276	1	-2.4	-1.3	-1.7	-3.5	-3.2	-1.9	-2.3	-3.3	-1.4	-1.2	-2.3

CloneID	Weight	DCIS30	DCIS88	DCIS102	DCIS193	ADH131	ADH180	ADH57	ADH191	ADH79	ADH22	ADH193
825470	0.9946555	5.7	9	1	-1.7	-1.5	-1.9	-1.9	-5.8	-2.8	-2	-3.1
595213	0.9884884	2.2	1.6	1.7	4.1	-1.2	-1.8	-1.7		-1.9	-2	-2.7
796694	0.9852686	3.9	4.5	-1.3	-1.2	-3.1	-1.9	-3.3	-1.5	-2.3	-3.9	-1.2
1404774	-1.563874		-2.4	-1.6	5.2	23.3	1.9	30		7.3	7.4	13.3
823871	-1.526046	-1.4				3.8	0	3.3		4.9	3.7	
1882697	-1.401878	-1.9	-1.5	-2.2	-1.2	2.5	2	2.6	1.3	1.1	-1	4.6
140071	-1.388195				-1.8	3.6	-1.2	3.3		3.2	2	2.4
160192	-1.255166	-3.9	-1.1	-2.6		1.9	1.3	2.6		2.8	-1.3	1.4
796542	-1.140185	1.5	-1.4	-1.7	-1.3	1.6	-1.6	1.7	1.3	1.8	1.1	1.6
611532	-1.12276	-2.1	-3.3	-3.1	-1.3	1.5	-1.2	2.6	2.7	1.5	-1.2	1.1

Figure 3
ADH v. DCIS

CloneID	Weight	DCIS131	DCIS180	DCIS45	DCIS57	DCIS178	DCIS179	DCIS130	DCIS96	DCIS112	DCIS170	DCIS44	DCIS43	DCIS173	DCIS148	DCIS191	DCIS22	DCIS198	DCIS79	DCIS169	DCIS183	DCIS41	DCIS65	DCIS133	DCIS14	DCIS30	DCIS88	DCIS102	DCIS193	ADH131	ADH180	ADH57	ADH191	ADH79	ADH22	ADH193
1404774	1.1055075	1.4	-1.4	2.4	2.6	1.3	1.1	-2.1	-1.5	-1.2	-1.5	1.1						1.1	-2.9	-1.3	-1.1	-2.7	-2.8	-3	-1.3		-2.4	-1.6	5.2	23.3	1.9	30		7.3	7.4	13.3
823871	1.0793322	-3	-2.3	-2.9	-2.3	-1.3	-1.4	-2.3	-2	-1.8	-2.1	-1.9						-1.2	-1.6	-1.7	-2.2					-1.4				3.8	0	3.3		4.9	3.7	
1882697	0.9912377	-1.6	0	1.2	-1.1	-1.5		-1.2	-1.2	-1.9	2.1	-2.7		-2.5	-1	-1.4	-1.3	-1	-1.5	-2	-1.8	-2.2	-1.4	-1.9	-1.4	-1.9	-1.5	-2.2	-1.2	2.5	2	2.6	1.3	1.1	-1	4.6
140071	0.981444	-3.4	-1.3	-1.5	-1.3	-1	-1.1	-1.2	1.2	-1.5	-1.1	-1						1.2	-1.6	-1.6	-1								-1.8	3.6	-1.2	3.3		3.2	2	2.4
160192	0.8881361	-3.2	-1.8	-2.7	-3.8	-3.2	-1.3		-3.3	-5.1	-4.4	-4.9			1.2			-1.5		-2.4	-2.8			-1.5		-3.9	-1.1	-2.6		1.9	1.3	2.6		2.8	-1.3	1.4
796542	0.8065473	-4.2	-1.5	-3.1	-2.2	-1.5								-1.4	-1.6	-1.5	-2	-1.6	-1.5	-2.6	-1.9	-2.1	1.2	-1.1	-1.9	1.5	-1.4	-1.7	-1.3	1.6	-1.6	1.7	1.3	1.8	1.1	1.6
611532	0.7940887	-5.6	1.2	-2.8	1.5	-1.4	-3.1	-4.2					-1	1	-2.4	-1.3	-1.7	-3.5	-3.2	-1.9	-2.3	-3.3	-1.4	-1.2	-2.3	-2.1	-3.3	-3.1	-1.3	1.5	-1.2	2.6	2.7	1.5	-1.2	1.1
1473274	0.7192163	-3.5	-2.3	-3.2	-1.2	-1.3	-1.2	1.1	-4.4	1.2	1.8	-3.4	-2	-3.5	-3.2	1.3	-2.9	-2	1.1	-1.4	-3.6	-5.5	1.5	-3.2	-3.7	-2.5	-2.1	-2.4	-2.5	1.4	1.4	2.6	1.8	2	-1.2	-1.1
469306	0.7124518	-1.7	-1.3	-1.8	1.3	-1.2	-2.3	-2	-2	1.4	-1.3	-1.5						1.5	1.3	-1.9	-1.9			-1.7	1.3	-3.9			4.5	5.6	-1.1	15.8		10.4	1.9	
2306697	0.632874	-1.4	-1.7	-2.2	1	1.2	-1.4	-1.3	-1.1	1.9	-1.2	1.1	-2.5	-2.6	-2.2	5.8	3.7	-2	-1.8	-1.7	-1.6	5.8	-6.3	-3	-6.7		1.2	-2.6	1.1	6.8	-1	8.5	4	8.3	2.5	-1.6
132857	0.6309399	-1.2	-1.6	-2	-2	-1.5	-2.1	-3.9	-1.3	-1.9	-1.8	-3.3	-4.6	-1	1.2	-2	1.8	-2.1	-1.6	1	-2.7	-1.5	-1.9	-2.7				1	1.1	1.6	1.1	1.5	-1.2	-1	1	1.7
2504881	0.6203353	1	-1.4	-1.9	-2.9	-3.8	-2.9	-1.4	-1.6	-1.9	-2.1	-2.1		-2.3	1	-1.6	-1.6	1.2	-1.3	-1.6	-1.8	-1.6	-1	-1.8	1.3	1.5	-1.5	-1.8	-1	2.9	-1.2	-1.7	1.1	1.1	1.1	2.8
760299	0.5833731	-2.9	-4	-2.3	-1.6	-2.2	-4.8	-3	-4.4	-1.9		-2.2	1.3	-4.1	1.3	-5.2	-6.2	-1.7	-2.2	-1.2	-2.9	-7	0	2.6	-1.3	-2.4	1.8	-3.1	-1.7	2.5	-1.4	3.1	-2.3	2.2	1.6	-1.3
293819	0.579204	-2.2	1.2	-1.1	-1	-2.1	-1.4	-2.5	-3.8	-2.3	-5.1	-1.3	1.7	-1.5	-1.3	1.5	1	1.1	-1.2	-1.4	1.4	1.4	-2.3	-1.6	1	1.5	-1.2	1.1	1.3	1.9	1.1	2.5	1.3	2.4	1.4	1.1
130835	0.577839	2.7	-1.1	-1.1	1.9	-1.9	1.3	1.7	1.2	-1.2	-1.9	-1.4	-1.4	-1	2.2	-1	1.3	-2.4	-1.4	1.4	1.2	1.2	1.1	1.2	1.5	1.6	1.3	-1.8	2.3	3.2	1	2.8	2.4	1.5	1.5	3.5
66532	0.5730392	-3.4	-1.1	-2.7		1.7		-1.7	-2.1	-1.8	-2.2	1			1.6				-1.6	-2.4	-2					4.4				3.6	1.1	8.6		3.1	1.1	
2499829	0.5721214	-2.2	-1	1.5	1.4	1	2.5	-2	-1.5	-2.3	-2.2	-1.4						-1	1	-2.7	1			-2.7					-2	4.2	1.2	1.3		2.1	2	
85840	0.5631767	-5.4	-3.5	1.7	1.7	-4	-3.3	-3.5	-8.3	-2	-2.8	-1.9	3.1	-2.9	-1.5	-1.7		-2.8	-2.1	-2.4	-1.4	-1.3	1.3	3.9	-1.2	1.2	1.9	-2.4	-1.3	7.1	-1.8	3.6	4.5	2.9	-1.8	1.2
859359	0.548134	-3.6	-1.5	-1.6	2.7	-3.1	-1	-3.8	-3.6	1.2	-2.7	-1.2			1.1	1.5		1.6	-1.6	-1.4	1.2			-1.4	-1.1	-1	-1	-1.3		3.5	-1.1	2.9	1.4	3.1	-1.1	

200814	0.542916
825287	0.5360981
202577	0.5305076
2014373	0.5296731
153760	0.527858
377275	0.5260562
745490	0.511874
172783	0.5101968
1558108	0.4993921
1587710	0.4981132
141731	0.4927666
490484	0.4908894
504959	0.4895268
1609746	0.4833836
882248	0.4827533
1917449	0.4814638
2119838	0.481371
841507	0.4784381
813265	0.4778069
767202	0.4743393
1156538	0.4736984
39600	0.4711421
1630990	0.4703594

41208	0.4698129	-2.1	-1.8	-1.7	1.3	-1.1	-1	-1.6	1.5	-1.7	1.1	-1.6		-2.6	-3	-1.4		-1.1	1.2	1	-1	-2.6	-1	-1.9	-4.7	1.4	-1.3	-2.8	-2	2.3	-1.6	2.4	2.5	2.4	-1.9	-1.8
322561	0.4620063	1.9	3.5	-1.5	-1.6	-1.4	1.1	-2	-3.5	-1.6	-1.2	1	2.5	1.1	1	-1.2	-1	1	-1.2	-2.2	-1.6	-1	-2.1	-1.8	-1.6	-1.3	-1.7	-1.2	-1.2	3.4	6.6	-1.1	2.2	-1.6	-1.3	1.1
951008	0.4611936	-1.3	-1.3	-1	-1.3	-1	1.2	-1.1	1.2	1.5	-1.1	1		-1.7	2	-1.2	1.4	1	1.2	-1.3	-1.2	-1	-1.3	1.1	-1.6	-2	1.2	-1.4	1.1	1.1	1.2	1.4		2.3	1.1	1.4
841308	0.4601052	-3.4		-2.5	2	-1.1	-4.7	-2.5					3.8	-1.8	-1.1	1	-4.6	-1.6		-1.1	-2.4	-4	-1.1	2.4	-2	-1.6	-1.1	-4	-1.1			3.7	3.8	1.6		1.1
119290	0.4600804	-2.8	-1.4	-1	-1.3	1.3	-1.2	-2.2	-1.8	2.2	-1.7	-1.1			-2.3	-1		-1	-1.1	-2.3	-1.6		-1.3		-7.7	-2.5	-1	2.6	1.3	2	-2.5	5.1	2.7	4.1	-2.3	1.4
344959	0.459756	2.1	-2	2	6.4	-1.3	1.2	3.2	-2.8	-2.1	-2.9	-1.7	2.2	1.6	3.1	-3.7	2.2	1.1	-1.1	-1.2	-2.8	7	-10.8	-20.2	3.4	-18.9	-12.1	-1.6	4.1	2.1	4.5	2.6	7.7	1.8	2.1	6.5
810331	0.4595986	-2.2	-1.7	1.2	1.4	-1.9	1.8		-6.3	-1.3	-1.5	-1.1	-4.4	-1.1	-1	-1.1	2.3	1.1	-2.8	-1.3	1.2	1.1	-1.4	-1.4	1.1	-1.5	-1	2.2	2.2	2	1.1	3.2	1.8	1.3	2	2.3
1161775	0.4580465	-1.1	-1.4	-1.5	1.2	1.4	1.1	-1.2	-1.1	1	-1	-1.2						-1	-1.3	-1.1	-2.1			-2.7						1.6	-1	1.7		1.7	-1.2	
625399	0.4580244	1	-1.3	-1.2	1.3	-1.7	-1.5	1	-2.2	-1.5	1	-1.4	-1.1	-4	-1.6	0	1.3	-1.4	1.2	-1.1	-1.2			-1.3	-1.7	-1.8	-1.9	-1.9		1.3	-1.2	-1	1.4	-1.2	1	1.5
1470657	0.4570216	-1.1	1.3	-1.4	1.1	-1.5	2.1	1		1	-1							1.2	-1.1	-1.2	-1.2	-1.3	1.1	-1.1	-1.3	-1.3	2	-1.7	-1.4	28.3	-1	13.5		-1.3	1.1	-1.4
160609	0.4567458	-4	-2.2	-2.5	-2.1	-1.3	-1.4		1.6	-1.9	-3.5	-2.5	1.3	1.2	-2.8	-3.7	2.8	-1.1	-2.1	-2.7	-1.1	1.3	-2.9	-2.4	-1.1	1.7	-2.9	-6	-1.3	1.2	1.1	2.5	-2	1.3	2.1	1
665356	0.4529231	1.2	2.9	-1.9	-1.7	1.3	1.2	1.3	-1.5	0	-1.6	1.9						1.2	1.1	-2.2	-1.4			1.4	-1.9	1	-1.5	-2.3	1.1	2	4.7	1.1		2.7	-1.1	
1584540	0.4526945	-1.2	-2.7	-2.3	-2.4	-1.7	-1.3	-2.4	-1.5	-1.3	-1.4	1.6			-2	-3.7	-1.2	1.2	0	-1.3	1.2	-3.4	-1.9	-2	-8.9	-1	-2.5	-3.5	1.1	3.8	-2.6	1.7		1.4	1.1	-1
726779	0.4508282	-2.1	-1.1	-1.2	1.9	-1.2	1.3	-1.6	1.9	1.3	-1.5	1.3	1.5		-3	0	-3.6	-1.9	1.1	-1.4	-1.3	-2.1	-3.1	1.2	-2	-2.2	-3.4	-1.4	-1.9	1.2	-1.2	2.4	1.7	2	-1.3	-1
296123	0.4496525	-1.2	1.1	-2.7		-1.6		-1.8	-2.8	-1.2	1	-2.7	1.7	-2.1	-1.3	1.8	1.4	2	2.4	-2.2	-2	1.3	1.2	-2.1	-1.6	-2.2	-1.1	1.4	1.3	1.8	-1.4	1.8	2.5	1.2	1.1	2.3
190059	0.4479395	-3.3	1.4	1.1	1.5	-2.5	-1.9	-2.2	-1.8	-3.5	1.2	-2.2		-1.1	0	2.4	1.7	-2.3	-1.5	-1.7	-3	2.9	-3.4	-1.5	-2.4	-2	-1.8	1.7	-1.3	1.1	1.1	1.8	2.9	-1.2	1.2	1.6
1471829	0.447478	-1.4	1	1.2	1.1	1.8	-1.2	-1.3	-2.6	-1.4	-1.1	-3.1	-1.6	-1.2	-1.4	-1	1.7	1.2	-1	-2.1	-1.5	-1	-1.3	-2.8	-1.3	-1	1.7	-2.2	-1.3	1.5	1.3	1.9	2	-1.4	1.1	-1
2056139	0.4456196	-2.5	1.9	-2.3	1.2	1.4	1	-2	-2.8	-1.7	-2.4	-2.2		-3.8	0	-2.1		-2	-1.8	-1.8	-1.8	-1.4	1	-1.1	-2.6	-1.4	-1.3	1.3	-1.4	1.9	1.3	1.3	-1.2	1.2	-1.8	-1.2
190753	0.4439462	-1.4	1	1.2	1	1.3	-1.1	-1.3	-1.3	-1	-1.2	-2			1.2			1.2	-1.1	-1.5	1			-1.5	-1.1	1.3	-1.1	-1.9		1.9	1.4	1.9		1.5	-1.7	
1968422	0.4439056	-1.1	1.6	-1.3	1	1.9	1.5	-1.5	-1.4	-1.7	-1.1	1.1						-1.2	-1.3	-1.9	-2	-1.1			-2.8	-1.1		-4		1.8	1.5	2.3		-1.1	4.3	-2
725390	0.4434467	-5.3	-2.4	1.8	1.8	-2.4	1.6	-2.1	1.6	-3.3	-3.9	1.3	5.1	-13.3	-11	-1.5	-3.6	1.2	1.3	-2.5	-1.7	1.6	-4.7	-2.1	-3	-1.1	-1.2	1.5	1.1	1.2	1.5	1.4	3.6	1.8	1.3	1.8
814826	0.4427872	-1.5	-1.7	-1.3	1.4	-1.8	-1.8	-2	-2.4	-1.6	-1.4	-1.7		1.1	1.1	1.8	2	-1.3	-1	-1.3	-1.3	-1.1	1	-2.1	-1.4	-1.7	-3.5	1.3	1.4	-1.2	-1.4	1.1	2.3	-1.1	2	2
878836	0.4412269	-1.1	-1.5	-1.1	-1.5	1	-1.4	-1.3	-1.2	-1.4	-1.2	1		1.2	-1.6	1.2		1.3	0	-1	-1.1	-2.1	-1.3	-2.5	-2.5	-3.4	-1.7	-3.1	-1.6	2.2	-1.5	2.1	-1.6	1.9	-1	-1.5
27769	0.4410428	-3	-2.7	-4.1	-3.4			-2.9	-4.2	-4.5	-2.2	-2.8						3.5	-4.4	-3.6	-5.2					-2.3				-1.1	1.1			-1.3	1.5	

990881	78946	120138	897963	502518	165837	1665444	2502722	25763	307029	45099	344720	1871116	1711456	1492147	1492144	1475738	898222	781014	726703	810981	1609625	1597813	188388
0.405147	0.4057628	0.4069842	0.4083727	0.4088974	0.4109649	0.4118397	0.4147271	0.4158098	0.4206738	0.4217398	0.4218642	0.4243565	0.4254987	0.4262435	0.427231	0.4289715	0.4347822	0.4351865	0.4376078	0.4380989	0.4386204	0.4391881	0.4401573
-1.7	-1.2	-1.2	-1.6	-1.6	-1.7	-1.5	-2.2	-1.3	-1.5		-1.8	-1.5	-1.4	-1.6		-2.2	1.1		1.1	-2	-1.2	1.4	-2.2
	1.3	1.1	-1.7	-1	1.4	1.2	1.9	1.3	-1	-3.4	-1.2	-1.3	-1.1	-1.1		1	1.2		4.3	1.5	-1.3	1.3	1.2
1.5	1.1	-1	-2.3	1.3	1.6	-1.3	1.6	1.1	1.3	-1.4	-1.5	-1.1	-1.4	1.1		-1	1	-1.6	3	1.5	-1.6	-1.1	1.2
-1.3	-1.3	1.9	-1.2	-1.4	2.4	-1.2	1.4	1.3	1.9	-1.2	1.7	1	1.2	1.2		1.9	2	1.2	3.8	2.8	1.9	-1.5	1.4
-2.1	-1.5	-2	-1.4	-3.4	-1.2	-1.2	-1.2	-3	-1	-1.3	1.1	-1.2	-1.1	-1	1.2	-1.2	1.1	-1.7	1.1	-1.5	-3.7	1.1	-1.2
-2.3	1	-1.4	-2.2	-1.5	-1.6	-2.1	-2.7	-1.6	1.3	-1.2	-2	-1.1	-1.9	-1.2		1	-1.2	-2.6	-1.8	-1.2	-3.6	-1.5	-1.9
-3.7	-1	1.5		1.4	-1	-1.2	-3.4	-2.2	-1.4	-1.6	1.2	-1.8	-1.9	-2.4	1.1	1	1.2	1.3	-1.5	-1.1		-1	-1
-2.3	-1.5	-1.6		-6	1.1	-1.5	-2.5	-1.3	-2	-1.4	-1.5	-1.4	-1.1			-3.3	-2.1	-1.1	-4.5	-4.1	-2.9	-1.2	1
-2.3	-2.5	-1.4		-2.2	1.4	-1.6	-3.4	-1.4	-2.1	-2	1	-1.7	-1.7			-3.1	-1.1	-1.6	-1.3	-1.5	1.5	1	-3
-1.3	-1.6	-1.3		1.4	1.1	-1.7	-1.5	-2.6	-1.1	-1.7	-1.5	-2	-1.4	-1.3		-1.2	1	-2.1	1.2	-1.1	-1.4	1.1	-2.9
-3	1.4	1.1		-1.7	-1.2	-1.2	-2.8	1.1	-1.1	-2.3	-1.2	-2.1	1.2	-2.8		-2.7	-1.2	-1.9	-1.9	-1.7	-1.3	1.6	-1.5
			2.2	1	-1.9		-1.4		2.5		3.5	-1.2		1.1		3.5	1.3	2.3		2.7	3.2		
-1	2.2	1.7	-3.2	1.4	-1.2				1.4	-1.8	-2.5	-1.1	-3.8	1.3	-1.4	-1.6	-1.2			-1.3	2.4		3.2
-1.3	2.5	-1	-3.8	1	-2.7	-2.6	0	-1.5	-1.6	-2.4	-2.3	-1.2	-2.9	1.2	-1.5	-1.4	-1.4	-3.3	5.4	-1	-1.8	-3.2	1.1
-1.5		1.1	-1.4	2.4	1		2.1		1.5	1.2	-1.6	2.6		1.3	-1.9	2.3	2.4	-1.3		3.3	1.1		1.7
1.4		2.1		1.5	1.4		2.3		1.4		-1.1	1.7		1.5	-1.1	1.3	1.4			1.6	-1.2	1	3.7
-1.4	1.2	1.5	-1.5	-1.9	-1.2	1.2	-2.6	-1.4	1.4	-1.3	-1.6	-1.3	-1.1	-1.6	1.6	1.4	-1.6	-5.2	-2.3	-1.5	-1.4	-1.4	-1.5
-1.4	1	1.2	-1.3	-1.3	1.5	1.3	-1.6	-1.6	-1.1	1.1	-1.7	1.8	1.4	-1.5		-1	1.6		-1.2	1.4	-1.3	1.1	-2.1
-2.1	-2	-1	-2	-2.5	-1.4	-1.2	-3	-1.5	-2.9	-1.1	-2.4	-1.3	-1.2	-2.2	-1.2	-3.9	-1	-3.2	2.1	-1.2	-2.1	-2.5	-2.2
-2.6	-1.1	-1.3	-2.3	-1.5	-1	-1.4	-1.5	-2.9	-1.2	1.1	-1.6	-1	1.5	-1.4		-1.6	-1.1	-3.3	-1.4	-2.2	-1.3	-2.5	-1.4
1.3	-2.1	-1.3	-3	1.1	-1.8	-1.9	1.7	1.3	-1.3	-3.5	-3.4	1.2	-2.4	1.3	-1.4	-1	-1.3	-2.9		1.6	-2.2		-2.4
-2.1	-4.6	1.4	1.1	1.1	-1.7	-3.5	-1.5	3.7	-3.6	-2.6	-1.7	1.5	-1.1	-4.8	-1.8	-1.8	1.4	-1.5		-1.5	-1.8		-1.6
-1.1	-2.5	-1.5	1.6	-2.7	-1.3	-2.3	1.7	1.4	-2.3	-2.7	1.2	-1.8	2.7	-1.7	1.5	-1.1	-1.8	1.5	-4.1	-3.4	2	-1.5	-3.9
1.3	-1.3	1.2	-2.1	-1.1	-1.1	-4.5	1.3	-1.2	1.2	2.3	-2.4	-1.1	-2.2	1.1	-1.6	-1.3	1.5	-1.9	2	1.1	-1.8	-3.2	
-1.8	-4.3	-3.9	-1.1	-3	-1.5	-1.5	1.3	2.1	-2.8	-1.9	1.4	-2	-2.3	-6.2	1.4	1.5	1.2	-1.2	-2.9	1	2.6	-1.5	
1.4	-1.1	3.4	-1.3	-1.8	-4.4	1.6	1.2	1.1	-2.1	-4.4	-1	-1.2	1	-1.4	-1.1	-1.3	-2.9	-2.1		-1.5	-2.7	1.7	
-1.3	-2.4	1.3	-1.6	1.7	-1.4	-2.8	1	-1.2	-1.7	-3.1	-5.9	-1.1	-2.6	-1.9	-1.3	-3.1	1.6	-1.8	1.4	-1.2		-1.9	-2.3
-1.4	-2.4	1.8	1.1	1.5	1.3	-1.8	1.7	1.4	-1.5	-1.2	-1.8	1.3	-1.9	-1.4	-1.5	-1.2	1.2	-1.2		1.5	1.2		-1.7
1.5	1.5	2.7	1.1	1.2	1	1.1	1.7	-1	2.6		2.1	-1.3	3.5	1.3	1.6	2	1.4		1.8	1.3	2	1.8	2.1
	1.5	1.7	-1	-1.3	1.6	2.1	1.7	1.9	1.2		-1	-1.2	1.2	1.4	1.4	2	1.2		5.1	1.7	1.4	1.5	1.3
1.1	1.3	2.4	1.3	1.4	1.9	1.6	1.8	1.1	2	1.2	2.7	-1	1.8	1.3		1.6	1.6	1.7	3.6	2.3	-1.1	2.4	1.3
1.4	1.4	-1	2.7	3.5	1.2		1.5		2.3	-1.4	-1.3	2	0	3.1		4.6	2.3	2.4		4.8	2		13.3
-1.8	-1.1	1.2	-1.2	1.6	1.4	-1	1.7	2.6	-1.4	1.8	1.3	1.6	-1.3	-1.7	1.3	-1.3	1.4	-1.2	2.7	1.3	2.4	1.1	-1.2
1.1	3.8	1.8	-2.2	-1.2	-1.1	-1.3	-1.2	1.4	1.1	-1.2	0	1.5	1.9	1.2	1.1	-1.1	1.2		3.4	1.1	1	-1	-1.1
1.4	-1.9	1.9	1.3	1.9	1.5	-1.7	1.9	1.9	1	1.8	-1.1	2.5	-2	1	1.1	1	2.1	1.2		1.6	1.8		-1

50586	1637296	2017756	1533710	811848	51981	826622	248631	143661	595637	308539	768043	950710	45578	854696	277627	740620	1910516	1602798	80344	415613	293916	1635062	1662279
0.3620555	0.363146	0.3640802	0.3644233	0.3650419	0.3654967	0.3657213	0.3666084	0.3667099	0.3670454	0.3670559	0.3678635	0.36878	0.3741028	0.3744597	0.3787958	0.3789806	0.3793341	0.3808424	0.3808964	0.380919	0.3812455	0.3830508	0.3836398
-1.1	-1.5	-1.2	1.3	-1.5	1.5	-1.7	-2.8	-3.8	-3	-2	1.8	1.3	1.8	-1.4	1.5	-6.4	-2	0	-1	-1.5	1	-1.9	-1.4
-1.1	-1	1.6	-1.9	1.3	3.2	1.3	-1	2.6	-1.3	1.1	2.3	1.3	1.4	1	-1	1.3	-1	-1	1.1	1.1	-1	-1.6	-1.6
1.4	1.3	2	1.5	-1.2	-1.7	2.5	-1.1	-1.5	1.1	-2	1	1	1.1	1.3	1.2	-3.6	-1.3	-1.8	-1.1	1.3	-3.6	1.3	1.3
-1.7	1.2	2	-1.4	1.4	-1.2	1.4	-1.5	1.3	-1.5		1.9	-1	1.2	2	-1.3	1	1.7	-1.1	-1.3	-1.5	-5.8	1.1	1
-1.4	1.1	-1.1	-1.5	1.1	1.4	-1.5	-1.6	-1.1	-1.2	-1.2	-1.4	1.1	-2.9	-3	-1.9	-2.1	-1.2	-2.2	-1.1	1.1	-1.8	-1.9	-1.2
-1.2	-1.1	-4.9	-1.3	-1.6	1.1	-2.9	-2	-2.1	-1.3	1.3	-1.2	-1.1	-1.3	1.2	1.2	-11.7	-1.5		1	-1		-3.2	-1.4
-1.5	1	1.8		-1.8	-1.6		1.2	-1.9	-2.3	-1.1	1.1	-1.7	1.2	-2.8	1.2	-5.3	-1.9	-2	-1.1	-1.4	-1.2	-1.6	-1.7
-1.5	-2.3	-2	-1	-1.9	-1.8	-1.6	-1.6	-3.3	-5.6		-1.4	-2	-2	-2.6	-1.3	-1.7	-1.1		-1.3	-2.3	-3.6	-1.3	1.4
1.1	-5.7	-4.2	-1.3	-1.8	-1.9	-1.3	-3.4	-2	-1.7	-1.8	-1.5	-1.2	-2.2	-1	-1.5	-4.3	-1.2	-2	2	-1.1	-1.3	-2.2	-1.6
1.2	-2.8	1	1.5	-2.2	-1	1.1	-1.3	-2.6	-3		1.1	-1.2	1.3	-2.2	1.2	-3.7	1.6	1	-1.3	-1.4	-2.2	-1.7	-1.4
-1.1	-2.8	-2.4	-1.1	-1.5	-1.3	-1	-3.7	-1	-1.2	-1.2	-1.5	1.1	1.1	1.2	1.2	-6.2	-1.2	-1	-1.3	-2.3	-1.9	-3.2	-1.5
	4.8	1.4	1.4	1.8	2.3		-1				1.8	1.2	2.8	5.8				2	3		1.8		
	-1.4	1.1	-1.1	-1.4	1		1.7		2.6		-1.7	-1.5	1	-1.1	1.3			-2.2	-1.8	1.4	1.2		1.8
-2.4	-1.1	-1.4	-1.1	-2.1	-1.1	1.9	1.9	1.6	1.6	-1.6	-2	-1.1	1	-1.6	1.5	-1.8	1.2	-1.5	-2.7	-1.4	-1.1		1.1
	-1.3	1.6	2.1	-3.1	1.2		4.4		-1.3	1.1	1.7	-1.8	2.8	2.8	3.3		2	1.1	-1.6	1.3	1.7		-1.5
	1.4	2	1.3	-1.6	1.1		1.9		1.3		-1	-1.2	-1.1	1.1	1.1		2.9	1.4	-2.3	1.4	1.8		2.5
-1.2	1.1	1.3	-1.9	-1.1	1.1	-1.9	-1.4	-1.3	-1.2	-1.3	-2.6	1.2	-1.3	-1.2	-1.4	-3.7	2.1	1.3	-1.3	1	1.4	1	-1
	-1	1	1.3	-1.2	-1.3	-1.1	1	-1.8	-1.7	-1.5	-1	2.7	1.2	1.1	-1.1	-4	1.1	-1.5	-1.7	1.1	-1.1	1.5	1.2
-1.2	-1	-1.7	-1.5	-1.1	-1.8	-1.6	-1.4	-4	-2.5	-1.3	1	-1.2	-1.6	-1	-1.6	-2.7	-1.4	-1.2	-1.8	-1.2	-1.6	-1	1.4
-1.7	1.2	-1.4	-1.4	-1.2	-1.8	-1.4	-2.4	-2.4	-1.2	-1.6	-2.2	-1.5	-1.3	1.5	-1.4	-6.4	-1.6		-1.7	-1.1	-1.5	-1.6	1
1.1	-1.1	-1.8	-1	-1.6		2.3	-1.3	1.2		-2	-1.1	1.3	1.3	1.4	-1.2	1.4	2.3	1.2	-1.3	1.4	1.3	1.1	-1.2
1.9	-1.5	-1.2	0	-1.4		1	-1.8	-4.4	1	1.2	-1.3	-2.5	1.1	-1.1	-1.3	1.3	1.6	1	-1.6	1.3	-1.4	1	1
-2.5	-1.4	-3.7	-2.5	1.2	-1.4	1.1	-4.9	1.1	1.9	1.3	-2.1	-2.1	-2.4	1.2	-1.4	-1.4	-4.7	-2.1	1.4	-1.6	-1	-2.7	-1.9
-1	1.2	-1.3	-1.5	-1.3	-1.3	-1.1	-1.2	1.2	-1.2	-2.3	-1.1	1	-1.1	-1.2	-1.2	-1.5	-1.1	-1.1	-9.9	1.3	1.4	-1.1	-1.1
-1.2	-2.4	-1.9	-2.1	-2.7		-1.1	-2.6	-2	-2.1	2	-2.3	-1.2	-1.7	1.7	-3.1	1.3	-2.9	-1.4	1.4	-1.1	1.6	-1.9	-2.2
-1.8	-2	-2.7	-1.3	-1.7	-1.5	-1.6	-5.6	4.4	1.4	-1.9	-2.4	-1.6	-3.4	-1.8	0	1.4	-4.9	-1.1	-1.8	-1.7	-1.1	-1.5	-1.6
-2.1	-1.9	-1.1	-1.7	1.3	-2.1	1.9	-2.2	1.2	-2.2	-2.1		1.5	1.1	1.5	-1.4	-1.2	-1.3	-2.2	-5.3	-1.2	-1.1	-1.5	-2.5
1.4	-1.5	1.5	1.3	-1.4		1	1.4	1		-1.9		-1.1	1.5	1.4	-1.2	1.2	2.1	1.6	-1.7	1.5	1.7	1	1.4
-1.5	2.1	1.5	1.2	1	3.5	1.3	-1.7	1.5	-1	1	1.4	2.6	1.2	1.6	1.2	1.3	-1	1.2	1.6	-1.3	2.3	-1.4	1.2
-1	1.5	1.9	-1.4	1.5	5.2	5.2	-1.1	2.6	1.9	0	2.4	1.3	1.6	1.2	1	-1	1.1	1	2	1.1	1.2	-1	1.1
-1.1	2.1	2.2	1.6	1.2	-1.1	1.1	-1	2.4	1.1	-1.1	1.7	1.7	1.2	1.5	1.4	-1	3.3	1.1	1.7	1.4	1.8	1.7	-1.3
1.6	-1.1	1.8	3.2	-1	1.7		3.8	1.4	-1.1		2	-1.8	3	4.6	4.9		3.1	1.2	1.4	2	1.4	-1.5	1.7
1.5	1	1.1	1.3	1.2	-1.5	1.4	1.7	1.5	1.2	-1.1	-1.1	1.2	1.3	3	1.3	-1.1	-1.1	1.1	-1.1	-1.1	1.9	1.1	1.1
	1.3	-1.5	-1.2	-1.7	1	1.1	1.3	-1.8	1.2	-1.3	-1.5	1.5	-1.1	-1.2	-1	-1.3	2.3	-1.1	-1.2	1.1	-1.6	1	2.1
1.8	-1.3	1.5	1.2	-1	-1.5	1.4	1.6	-1.3	1.4	3.7	1	1.1	2.1	1.6	-1	1.1	1.7	2.2	-1.3	2.2	1.5	1.2	1.5

877835	0.3616798	1.3	1.7	1.1	1.5	-1.6	-1.1	-1.3	-2.5	-1.6	1.3	-2.4	5	-2.2	-1.9	2.6	1.1	1	-1.2	-1.5	-1.6	-1.4	-1.5	-1.6	-1.5	-2.4	-1.1	-2.7	-1.5	2.2	1.6	1.2	3.5	-1.2	-1.2	-1.1
773319	0.360055	-1	1.2	-1.5	4.5	1.8	-2	-1.9	-1.6	2.5	4.8	1.8		-1	-1.4	1	1	2.6	2.4	1.6	1.3	-1.6	5.1	-1.6	-1.4	-2.2	2.8	-1.6	-2.1	14.2	1.5	9.6	-3.4	13.9	3.3	-2.2
2014888	0.3600238	-1.5	-1.1	-1.3	-1.6	2	1.5	1	1.5	-1.3	-1.2	-1.5						1.1	1.6	-1.6	-1.5	-1	1.2	-1.5	-1.2	-1.9	-1.5	-2	4.1	2.6	-1.4	2.5		1.7	1.7	-1.2
767495	0.3599313	-1.5	2.6	1.3	3.2	-3.5	-9.4	1.4	-1.3	-4.7	-1.6	1.1		3.4	2	-1.2	1.9	-2	-1.5	1.1	1.3	-4.8	-1.6	-1.4	2.6	-2.5	-2.3	-1.1	3.1	1.1	3.6	2.1	-1	3.1	1.5	3.5
774078	0.3584159	-1.7	1.1	-1.5	-1	1.2	-1.1	-1.3	-1.3	-1.4	-1.1	1.1			-2			1		-1.9	-1.4				-1.7			-1.3		1.3	1	2		-1	-1.7	
868400	0.3571452	-1.4	-1.1	-2	-3.4	-1	1.1	-1.2	-1.7	-1.6	1.4	1	1.4	-1.7	-1.6	1	1.2	-1.3	1.5	-2.7	-1.1	1.3	1	-3.1	-1	-1.5	-2.4	-1.3	1	1.4	1.1	-1.3	1.3	-1.2	1.1	1.4
240620	0.3565792	1.2	1.5			-1.1	1.4	-1.4	-2.6	-1.8	1.1	-2.7	1.1	1.3	-1.1	-1.7	1.5					-1.2	-2.6	-1.2	1.2	-1.2	1.3	-1.5	-1.9	2.7	2.2	2.7	-1.1	-1.6		-1.5
1588791	0.3556678	1.5	-1.2	1.3	1.5	-1.4	-1.1	1.7	-2.7	-2.3	-1.2	-2	3	-1.7	1.1	2.3	1.2	1.2	2.4	-1.1	-1.2	1.3	-1.7	-1.9	-1.2	-3.7	-3.4	-1.4	2	1.1	-1	1.6	4.2	1.6	-1.1	2
472186	0.3556248	-1.5	1.2	-1.7	-2.2	-1.2	1.6	-1.2	1.5	1.4	-1.8	1.6	1.4	1.2	-1.3	-1.2	1	-1	-2		-2.1	-1.7	-2.7	-1.6	-1.3	1.7	1	1.7	1.2	1.9	-1.2	1.8	-1	1.6		1.3
725143	0.3555917	-1.9	-1.4	1.2	2.9	-2.7	-8.4	-9.5	-2.2	-3.9	-8.3	-1.6	-1.5	-1	1.7	1.3	2.2	-2.1	-2.4	-11.7	1.2	6.3	-2	-1	2	3.8	1.4	-2.1	3.3	1.3	1.6	2.4	2.8	1.2	-1.1	3.9
714472	0.3548481	-1.4	1.3	1.6	1.4	-2.2	1.1	-1	-1.2	-1.5	1.2	-1.8		1.4	-1.3	-1.3	-1	1.5	1.6	-1.8	-2	0	-1.4	-2.7	1.6	-2.9	-2.5	1.1	1.3	1.3	1.1	1.1	-1.4	1.7	1.2	2.7
1854648	0.3542819	-2.5	2.7	1.4	1.1	-1.2	1.5	-3.6	-3.6	-2.2	-2.2	-2.1	7.5		8.8	2.8		-2.1	-1.3	-1.6	-1.6	-1	1.4	1.5	2.7	-5.2	1.8	6.5	1.4	5.8	2.8	9.2	-1.1	-1.4	1.6	4.5
855029	0.3540351	1.1	1.3	1.4	2.2	1.2	1.2	-1.6	-1.4	1.6	1.1	-1.3	-1.2	2.9	1.1	1.1	1.2	-1.9	-1.3	-1.9	-1.1	1.8	-1.1	-1.9	1.1	-1.8	-1	1.4	1.3	1.6	2	2.5	1.9	1.3	-1.8	1.6
197727	0.3538788	-1.6	-1.3	1.1	1.6	-1.2	1.6	-1.3	-2.1	-2.6	-1.6	-3.3	1.7	-1.1	-1.7	4	1.1	-2.3	-1.2	1.2	-1.1	-1.2	1.4	-2.6	-1.1	1.8	-2.6	-1.3	1.1	1	-1.3	1.2	3.6	1.2	1.2	1.9
1623016	0.3538624	-1	1.3	1	1.5	1.3	1.2	-1.3	-1.9	-2	1.2	-4.8						-1.9	-1.4	-3.5	-3.1	-1.1	1.3	-2.7	-1.2	-1.3	-1.1	-1.8	-1.7	2.2	1.5	1.3		-1.5	-1.3	0
813841	0.3515283	3.5	1.5	3.1		-1.8	1.2	-2.4	-1.8	5	1.2	-1			-5	-1.1		1.3	1.8	4.6	1.2	-6.8	-1.9	1.5	-3.9	1	0	-3	-4.1	4	3.2	4.7	1.2	3.8	3	-5.1
2783721	0.3511267	-1	-1	1.1	1.3	-1.6	1.1	-1.9	-2.3	-1.7	-1.1	-3.2	2.5	-2	-2.9	2.2	1.2	-1.9	1.1	-3.1	-1.9	1.2	-1	-1.9	0	-1.3	-1.3	-1.7	-1.6	1.5	1.2	-1.2	3	-1.5	-1.3	1.3
549933	0.3489358	-3	-1	1.5	-1.4	-1	-2.1	-1.3	-1.4	-2.1	-1.3	-1.2			1.1	1.3		1.5	-1.2	-1	1.5	-1	2.1	-1.2	-1.1	1	1.6	-1.1	-1.2	1.5	1.4	1.4	1.1	1.7	1.1	-1.1
280907	0.3488292	-1.4	-1.3	-1.3	-1.3	-1.8	-1.3	1.1	1.1	-1.4	1.1	-1.6		2.2	-1.1	1.3	1.2	1.5	-1.2	-1.3	1.1	-1.5	-1.4	-2.8	-1.3	-2.2	-2.1	-2.2	-1.3	-1	1.3	-1.2	2	-1.1	1.1	-1.1
796181	0.3487326	1.5	-1.2	-1.2	1.2	-1.6	-4.1	1.1	-1.3	-2.3	-2	-1	-1.1	2	1.3	1	-1.3	2.5		-1	-2.1	-1.7	-1.5	-1.2	-1.6	-2.3	-1.5	-1.4	-1.3	1.3	-1.1	2.6	1.3	1.3		-1.3
415233	0.3477563	1.1	-1.2	1.3	-1	-1.2	1	-1.5	-5.9	-2.2	1.2	-6.8	1.1	1	-1	-1.9	1.1	-1	-1.4	-2.8	-1.5	-1.4	-1.3	-1.4	-1	-1.3	1.3	-1.7	-2.1	1.7	-1.2	1.6	1.1	-1.5	-1	1.3
811920	0.3470328	-1.5	-1.5	-2	-1.3	-1.6	1	-1.2	-2.9	-1.5	1.3	-3.8	1.8	1.6	-1.2	-4.2	1	1.5	1.9	-1.2	-3.1	-1.8	-2.8	-2.7	-2.5	-4	-4.9	-1.4	1.1	1.3	-1.1	1.9	-1.2	0	-1.4	1.1
415415	0.3450588	-1.2		1.4	1.6	-1.1	-1.2	-1.5	-2.3	-2.8	1.6	-2.3	1.8	-3	-1.5	-1	-1.3	-1.4	-1.1	-3.2	-1.5	-1.2	1.5	-1.1	-1.4	1.3	-1.7	1	-1.3	2.1		1.1	2.1	-1.2	-1.4	1.3
2018807	0.3448692	-1.1	1	1.1	1.4	1.6	-1	-1.1	1.1	-1.7	-1	1.3		1.1	1.7	1.2	-3.9	-1.6	-1.5	-1.5	-1.5	1.1	-1.3	-1.5	1.1	-1	1.7	-1.9	-1.2	1.7	1.2	1.6	1.4	1.7	-1.6	1.1

154999 0.3448295
68557 0.3448283
647763 0.3447602
1568967 0.3443461
210717 0.3433948
1350439 0.3432903
684582 0.3430106
122394 0.3424132
213136 0.3409934
625458 0.340974
811162 0.3402852
1926246 0.3397276
1554167 0.3396886
811088 0.3394575
72778 0.3381659
220293 0.3381434
1569187 0.3370208
866866 0.3368093
81316 0.3367317
1161564 0.3353173
898044 0.334404
293001 0.3331951
1570502 0.3316364

212078	280776	268234	743880	2106144	298231	730036	282404	511831	785967	344168	809838	810017	270826	771173	200354	149539	810463	47043	869450	180561	380883	839796
0.3171042	0.3174974	0.3178498	0.3194638	0.3194859	0.3210879	0.3215592	0.3222167	0.3226601	0.32275	0.3243816	0.3245304	0.3257448	0.3262653	0.3271741	0.3274669	0.3274942	0.3276568	0.327893	0.3282192	0.3290738	0.3295773	0.3308987
3.2	-1.6	1.8	1.1	1.1	-3.7	1.3	-1.8	1.1	1.3	-2.2	-1.4	1.6	-3	1.3	2.1	-1.9	1	-2.6	-1.4	3.6		-1.1
1.3	1	1.2	1	-1.1	1.3	-1.2	-1	1.1	-2	-1	1.7	-1.7	2.6	1.5	1.1	-1.2	-1	-1.2	-1.1	1.9		-1.4
2	-1.1		1.7	1.2	2.2	2.6	-1.5	1.4	1.3	1.3	-1.2	1.5	-2.8	-2.1		-1.1	-1.3	1.6	-1.2	-1.1	2	1.2
1.9	-1		-1.1	1.4	2.4	2	1.1	-2.1	1.4	1.3	-1.2	1.7	-1.3	-1.1		2	1.1	1.2	1.3	-2.5	1.7	-1.7
-1.9			-2.3	1	-3.2	-1.5	1.1		-1.4	1.1	1.2	-4.2	-1.1	-1.6	-1.2	-1.4	1.2	-1.5	-2.5	-4.2	-1.3	-1.6
-1.8			-1.1	1.2	-1.2	-1.2	1.2		-1.8	-1.1	1.3	-4.5	-2.2	1.7	2.6	1.9	1.5	-4.2	1.2	-3.3	-2.9	-1.4
-1	1.2		1.4	-1.6	1.1	-1.3	-1.3	1.4	-1	1.1	-1.5	-4.3		-1.9		1.4	-1.2	-1.2	-2.2	3.5		1
1.5	1.3	1.5	-1.5	-1.4	-1.3	-2.7	-2	-1.4	-1.1	-3.7	2.7		1.6	1.1		-1.5	-1.2	-1.1	-2.8	-19.8	-2.8	-1.8
1.8	-1.8		-3.5	-1.2	-1.8	-2	-1.5	-1.9	-2.5	-3.8	-2.6		-1.3	-1.3		1.5	1.3	-1.9	-2.6	-3.3	-4.5	-1.6
1.6	-2.7	1.3	1.4	-2.1	2.4	1.3	-2.1	1.2	-2.6	-1.6			-1.5	-1.4		-1.9	1.5	-3.1	1.2	-4.4	-5.6	1.2
1	1	1.1	-1.4	-1.7	-1.7	-3	-1.3	-1.7	-1.5	-3.2	-2.9		1.5	-1.6		1.1	-1.1	-1.7	-2.3	-5	-3.5	-2.6
	-1.4		1.4					-1.3		3.3	-1.7	-2.9	-4.3	2.7	-1.7	6	2.2	2.7	2.5			2.1
	2.2		1.4	-6.1	1.2	1.3		1.2		1.1	3.6	7.6	1.3		1.2	1.3	-1.2	-1.8	1	1.6		1.2
-2.1	1.2	1.3	1.4	-1.5	-1.1	1.4	-1.5	-1		1.1	2.2	1.6	-1.9	-1.2	-2	1.1	1.4	-1	-1.9	4.4		-1.1
	-1.3	-1.9	1.8	-14.6	1.2	1.1	1.3	3.6		3.1	2.3	-5.6	-2.8	2.3	-1.6	4.8	3.6	2	1.8	8.4		1.4
	2.4		-1.2		1.4	1.5		1.4		-1.2	3.8	1.3	1		-4.8	3.7	-1.3		1.6	-1.9		-1.3
-1.9	-1.5	-1.2	-1.9	1.3	-1.6	-1.5	-1.9	1.4	-3.2	-1.2	2	-2.3	-1.3	2.6	-1.3	1.3	-1.5	-2.3	-1.1	-2.6	-2.1	1.3
-1.4	-1.1	-2.3	1.1	-1.2	-1		1.7	1.3	-2.1	1	-1.5	-1.6	-2.2	1	3.2	-1.2	2.1	-2	-1.6	2.1	-1.2	-1.3
1.2	-1.3	-1.1	-1.5	-1	1.1	-2.2	-2.8	-1.4	-3	-1.7	-1.8	1.7	-1.5	-3.3	1.1	-2.2	-1.2	-1.4	-2.8	1.2	-1.4	-1.5
-1.1	-1.1	1	-1.3	-1.2	-1.4	-1.5	-1.4	-1.6	1.6	-1.8	1	-2.4	-2.1	1.1	-1.1	1.2	1.2	-1.6	-1.5	-3	-1.5	-1.3
-1.3	2	1.6	1.3	-4.5	-1.7	1.5	1.4	-1.2		-1.2	1.5	1.2		-2		2.4	-1.2		1.1	1.1		1.1
1.1	-2.5	-1.2	-1	-2.6	-2	1.4	-2.1	-2.8		1.2	-1.2	3		-1		-2.4	-2	-2.1	-2.3	-10.3	-1.2	-2.3
-1.1	-4.4	-1.4	-1.8	-1.3	-3.5	-1.4	1.2	-4		-2.1	-1.7	-1	-1.9	-1.3	-2	1.4	-1.5	0	-1.1	-6.3	-1.5	-2.3
-1.7	1.4	-1.1	-1	-4.5	0	2.2	-1.2	-1.6		-1.1	2.7	-2.1	-2.6	1.4	-1.6	2.1	-1	-1.1	-1.3	-2	1.4	-1.1
-1.3	-1.7	-2.9	-1.4	-11.6	-6.8	1	-1.4	-4.9		-2.3	1.8	-15.5	-1.3	1.4	1.4	-3.3	-3.3	2.3	-2.3	-2.8	1.2	-1.5
-1.2	-1.6	2.6	-1.6	-1.2	-2.5	-3.6	1.7	-2.6		-2.5	-4.5	-1.9	-1.2	1	-1.4	1.4	-1.4	-2	1.1	-1.9	1.1	-1.2
-2.1	-3.3	1	-1.3	-3.6	1.4	1.4	-3.8	-1.5		-1	-1.2	3	-2.3	1.3	-1.7	1.3	1.3	-1.7	-1.1	-1.1	-1.2	1.3
-1.9	1.4	0	1.1	-4.2	2.1	1.5	1.1	1.1		1.5	1.4	2.8	-3	1.3		2.7	1.1	-1.1	-1.1	2		1.2
1.8	2.6	2.3	-1.3	4	-1.5	1	1.1	1	1.2	-1.4	2	1.7	1.4	1.8	2.6	1.4	1.9	1.2	1.7	1.4		1.1
2.2	1.6	2	1.2	3.1	1.1		1.5	1	1.2	1.2	1.8	1.3	-1.2	1.6	1.2	1.1	1	1.5	1.2	-1		-1.8
2.4	-1.6		-1.1	2.8	1.9	2.5	0		2.3	1.6	1	1.4	2.4	1.4	2	2.2	1.6	1.2	1.5	1.2	2.4	1.9
	1.2	-1.1	2.6	-7.3	1.4	1.3	1.9	2.8		3.6	10.4	3.2	-2	2.5	-1.4	5.4	2.4	2	2.3	4.8		1.1
2		2.8	1.6	1.1	1.3	1.6	1.1	1.4	-1.4	1.1	-1.2	1.5	1	-1	3.1	1.8	1.4	-1.1	-2.1	1.3	1	1.6
1.6	1.7	-1.3	-1.2	1.4	1.2		-1.4	-1.1	-1.3	-1.5	1.3	1.1	-1.1	1.3	1.4	1.7	-1.1	-2.1	1.1	-1.1	1.6	-1.2
-2.7	1.2	1.1	1.5	-3.7	2.9	2.4	-1	1.5		2	2.6	2.5		1.2	-1.6	3.4	1.6	1.5	-1.1	3.4		1.7

10028018.122101

731308	0.3152429	1.4	-1.3	-1.1	-1.9	1.2	1.2	-1.2	-1.2	1.5	-1.1	1.3			-1.1			1.1	-1	-1.1	-1.4	-1.5	1.5	1.2	1.3	1.8		1.1	-1.3	1.5	1.9	-1.2	2.1	1.3	-1.3	
774471	0.3143101	-1.1	3.9	4	5.5	5.5	3.1	3.1	-1.8	-2	-1.5	4		-39.6	-13.4	-47.9	-38.7	3.3	3.8	0	1.2	-46.1	-18.3	-6.3	-28.9	-1.5	-7.5	-49.3	-18.5	8.3	2.8	11.3		5.7	3.1	-28.1
811837	0.31417	-1.3	-1.2	1.2	-2	-1	-1.8	-1.7	2.2	1.3	-1.3	-1.1	1.4	-1.6	1.3	-1.8	1.4	-1.3	-1.2	-1.8	-1.7	1.2	-1.9	-1.8	1	-2.4	-2.1	-2.4	-1.1	1.1	1.1	-1.7	2.7	-1.2	1.4	-1.3
714437	0.3137844	1	1.5	2.6	2.3	2.2	2.2	-1.2	-1.1	1	1.4	1.4	1.1	-3.9	-1.8	1.7	-2.8	-1.4	1.9	1.6	1.2	-1.5	-1.6	-1.9	-1.8	-2.1	-2.3	-1.7	-2.5	1.3	2.3	1.5	1.7	2.4	1.2	-1.5
416959	0.3137184	-3	-1.3	-2.9	-1.4	-3	1.2	-14.4	1.1	-1	-4.6	-1.1	1.2	-10.7	1.1	-2.7	1.4	-7.9	1.9	-4.5	-1.3	-2.1	-2.7	1	-1	1.6	-3.1	-1.8	-1.4	-1.1	1.5	-1.1	-1.4	1.5	-1.9	1.3
681992	0.3131076	-1.6	-2			-3.6	-7.9	-1.7	-1.7	-1.8	-1.7			1.3	1	-1	1.5	-1.6	-1.4	-1.5	-1.8	-1.2	-1.3	-1.9	-1.1	1.2	-8.3	1.5	1	-1.4	-1.3	-1.7	1.9	-1.6	1.7	1.8
130201	0.3125162	-2.2	-1	-1.8	-1.2	1.3	-5.9	-1.3	2.9	-1.4	-1.2	-1.9	2.5	-7.5	-5.1	-2		0		-1.2	-1.6	-3.5	-2.5	-1.6	-2.8	1.5	-2.3	-7.2	-3.1	2.8	-1.6	1.4	1.9	-1.4		-2.2
363144	0.3121422	-1.9	3.3	2.4		1.6	7.1	-2.6	-2.4	-2.2	-2	5.7						1.2	3.2	-2.9	1.7	1.3	-1.1	5.9	1	-3	2.9	1.3	-1.2	1.8	3.2	2		3.8	2	3.2
857874	0.3115687	1	2.4	-1	2.4	-1.3	-1	1.3	1.1	-1.4	3.3	-1.3	1.6	-2	1.1	-1.4	-1.7	1.8	1.8	-1.6	-1.4	-1.4	-1.3	1	-1.2	-1.3	-1.6	-2.9	-1.4	1.6	1.5	2.2	-1.4	1.8	2	-1.2
377461	0.3114778	-2.8	2.4	-1.5	-1.2	-2.3	-4.2	-1.7	1.6	1.3	-2.7	-1.3		-2.9	-1.4	-4.8	-5.3	-1.2	1.5	-1.2	-1.6	-5.2	-3.4	1.1	-5.1	-1.2	-2.7	-2.5	-2.4	1.4	2.9	1.3	-5.8	1.1	1.9	-2.6
156363	0.3101398	1	-1.1	1	-1.1	-1.9	1.6		1	-1.4	1.3	1.1	3	1.6	1.2	3	1.6	1.2	1.6	-1.6	1.4	1.1	-1.1	-2.1	-1.2	-1.7	-1.6	-1.1	1.9	1	-1.5	1.8	4	1.7	1.4	2.1
589115	0.3098502	-2.7	-1.1	1.2		1.1	-16.8		1.7		-6.2	3	1.3	-1.9	-1.2	4	3.1	-1.5	-1	1.1	-1.2	1.1	1.9	1.8	-1.5	-2.4	-1.1	2.1	1.6	-1.1	1.8	1.2	2.9	4.1	1.8	1.3
241489	0.3096688	-1	1.7	1	-1.2	-1	-1.8	-1.1	-1.6	-1.3	-1.2	1.6			-1.5	-1.3		1.3	1	-1.6	-1.7	-1.2	-3.4	1.4	-1.7	-1.6	-2.2	-1.5	-3.7	1.3	-1.1	1.5	6	1.2	-1.6	-2.9
586725	0.3091061	1.8	-1.4	1.5	2	-1.2	2.7	-1.3	-1.6	1.1	1.6	-1.3	2.2	1.3	-1.2	2.3	1.3	-1.7	-1.5	-1	-1.6	1	-1.1	-1	1.4	-2	-1.8	1.7	1.5	1.8	-1.9	4	2.3	1.4	-1.3	2.5
283124	0.3084392	-1.1	1.2	1.1	1.2	-3.2	-2.3	-1	4	-2.1	2.1	-2.8	-1.4	-1.1	1.1	1.1	-1	-2.8	-1.5	-2.8	-2.9	1.2	-1	-3	-1	-5.8	-2.5		1.2	-1.3	1	1	1.1	1.2	-1.7	1.5
307328	0.3080939	-1.1	-1.4	-1.2	1.9	-2		-2.6	-3.4	-2.3	-1.5	-1.9						1	1.2	-1.3	-1.4	1.4	-1.1	-1.3	1.3	1.6	1.1	1.3	-1.2	-1	1.1	1.2		-1.1	1.2	1.6
37449	0.307755	1.2	1.1	1.8	1.3	-1.1	-1.4	-1	1.1	-1.7	1.2	-1.2	1.7	1.8	-1	1.7	1	-1.1	-1.6	-1.2	-1.6	1.1	-1.2	-1.9	-1.2	-2.4	-2.1	-4.4	1.4	1.4	1.2	1.5	1.9	-1.1	1	1
50892	0.3067087	-5.2	1	-9.2	-5.8	-3.2	-7.9	2.2	-1.6	-1.8	1.4		-1.3		1.6	2.3	2.6	-1.3	1.2	-3.3	1.3	-12.5	-8	-5.5	-16.8	-1.6	-20.8	-17.7	-7	1.2	-3	-1.5	3.1	1.8	2	-4.8
1897944	0.3056504	-1	1.5	1.1	1.5	-1.2	1.5	1.2	-3	-1.5	-1.2	-2.6	2	-1.2	-1.3	1.7	-1.2	1.8	1.7	-2.2	-1.7	-1.3	-1.5	-2.6	-1.3	-1.1	-2.1	-3.2	-1.6	1.8	1.3	-1.2	2.6	-1.3	1.1	-1
377314	0.3054619	0	-1.2			1.5	-1.2	-1.2		-1				-4.3	-1.1	-1.1	-3.1	-2.1		1.1	-2.4			1	-1.2	-1.8	-1.7	-1.9	-3.1	1.2	1.6	1.4	1.2	-1.4		-2.4
220851	0.3054421	-1.2	2.9	1.2	0	2.8	-1	1.2	1.1	-1.2	1.1	-1.1		-1.3	-1.8	-1.2		2.9	2.7	1.4	1.3	-1.1	-1.9	-4	-3.6	-1.5	-5.4	-3.4	-1.4	1.6	6.1	-1.2		2.1	1.2	-1.2
322233	0.3049209	1.1	1.2	-1.4	-1.5	-1.7	1.1	-1.1	-1.5	-1.1	-1.1	-1.3	5.7	0	-1.4	3.3	2.1	-1.3	1.5	-2.9	-1.3	1.3	-1.7	-1.2	-1.1	-1.3	1	-5.3	-1.2	2.2	1.6	1.5	6.4	-1.1	-1.6	-1.1
586803	0.303644	-1.2	-1.1	1.2	1.2	-1.2	-3.7	-1.2	3	-2.6	-2.3	-1	1.5	-3.7	-2.5	-3.4	1	1.1	-1.1	1	-1.1	-1.5	1.7	-2.3	-1.7	-1	-1.4	-4	-1.6	2	-1	1.3	-1.2	1.8	-1.6	-1.2

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629944 -0.6397996	810711 -0.6572413	796694 -0.6966722	595213 -0.6989738	825470 -0.7032642	840942 0.2930498	71727 0.2931521	782427 0.2933137	1650927 0.2936121	455269 0.2939008	788511 0.2941433	593023 0.2943396	1410444 0.2943645	613056 0.297114	2164744 0.297328	345034 0.2987787	359250 0.2988154	1899338 0.2989117	753620 0.2990486	85582 0.2999867	178825 0.3003079	813823 0.3012088	414999 0.3013864	343695 0.3018496
1.3	1.1	1.8	1.7	1.6	-2.1	-2.3	1.1	1.1	1.1	-1.3	-2.4	1.3	-1.8	-1.9	-5.7	-1.7	-3	1.1	1.6	-1.4	1.6	-3.5	-1.4
-1.5	-1.1	-1.4	-1.1	-1	-1.1	1.2	-1.7	-1.1	1.4	1.9	1	-3.2	-2.8	1	-4.2	-1.1	-2.1	2.1	3	2.6	1	4	-1.2
1.4	1.6	-1.6	1.1	1.3	-3.7	-1.1	-1.4	1.1	-1.3	-1	-1.9	-1.9	-1.1	1.5	-7.7	1.1	2.2	-1.7	1.1	1.6	-1.8	3.1	-1.3
-1.3	1.6	-2.7	-1.8	-2.3	2.2	2.5	-1	-1.3	1.2	1.3	1.1	1.6	1.3	2	-9.8	-1.8	1.4	-1	1.2	2	-2.9	6.9	-1.9
1.2	1.4	2.3	1.7	2.2	-13.3	-1.7	-1.5	-1.1	-1.5	-1	1.1	-3.2	-2.1	-1.2	-2.1	-2.8	-1.6	-1.9	1.9	-1.2	-1.7	-2.6	1.5
1.1	2.1	1.8	-1	-1.1	-4.5	1.2	-1.7	-1.1	-1.2	2.6	1.8	0	2.1	1.5	-20.4	1.3	2.1	-2.2	2.4	2.5	-2.1	2.6	1.5
2.1	1.5	3.1		1.2	-1	1.1	-2.7	-1	-1.7	-1.7	1.4	-4.4	-1.3	-1.3	-7.3	1.1	1.1		1	-1.4		-2.6	-1.1
2	-1.3	4.5	1.4	5.3	-2.2	1.3	-5	-1.7	-2.4	-1.3	-2	-3.9	1.1	1.5		1.1	-5.7	-1.6	-1.2	-2.1	-2.6	-2.5	1.1
1.2		1.3	-1.2	1.6	3.4	2.9	-2.2		1.1	-1.1	-2.8	1	1.7	1.4	-10.9	-1.2	-1.5	-1.9	-1.6	1.1	-1.7	-4	-1.6
1.4	-1.1	1.2	1.8	1.6	-2.4	2.1	-1.3	-1.9	1.2	-1	1.1	-4.2	-6.8	-2.5	-3.4	1.5	-1.7	-1.9	-1.5	-1.9	-1.9	2	-1
1.7	2.1	1	1.3	1	-2	1.7	-1.4		-1.4	-1.2	-1.8	-2	-1.3	1.6		-3.4	-1.1	-1.1	1.3	1.1	-1.5	-1.5	-1.7
	2.3	13.9		2.2	4.6		-1.6	-1.1			3.2	1.3	1.5		-2.4	5.3			1.3			1.2	
3.2	1.9		2.1	-2.5	1.1	-4.2	-2.1	1.2	1.5	-1.1	-3	-1.3	-7.2	1.4		-1.6		-2.2	2.7			-1.2	
1	1.2	-1.7		-1	-1.8	-1.5	1.4	1.5	-1.4	-1	-2.7	-1.5	-1.4	-1.5	-1.7	-1.1		-2.8	1.2	-2.3	-1.3	-7.5	-2.9
-2.4	1.8	-1.6		-1.9	1.2	-1.5	-2.4	1.6	1.3			-3.4	3.1	-2	-5.5	1.8			2.2			-4.7	5.3
1.4	1.5				-1.1	-2.3	-1.8	1.3	3	1.3	-3	2.6	-1.5	-1.1	2.2	1.1			2.4		-1.8	3.2	
-1.4	2.3	1.2	1.8	2.5	-1.5	-1.2	1.1	-1.2	1.6	-1	-2.1	-1.1	-1.5	-1.8	5.1	-1.6	-1	1.2	-1.1	-1.6	1.6	-1.7	-1.1
	1.1	1.1	-1.2	-1.3	-6.2	1.1	3.7	1.4	1.8	2.4	1.3		-1.1	-1.1	-9.1	-1.2	-2.6	-1	-1		-1.1	-1	-1.1
2	1.1	2.6	1.7	2.9	-10.2	1.1	1.5	1.3	1.5	1.2	-3.7	2.8	-1.2	1	-6.5	1.1	-1.2	1.1	-1.2	-1	-1.3	-1.9	-1.9
-1.1	1.2	2.5	1.1	1.5	-1.9	-1.9	1.9	-1	-1.1	-1.2	-1.7	1	1.4	-2.4	-7.8	-1.6	1.3	1.1	-1.4	-1.2	-1.6	-1.7	-1.9
1.1	-1		-1.6	-2	-1.1	-1.8		1.3	-1.2		1.5	1.2	1.8	-2.3	2.2	1.3	-1.3	1.7	-1.2	2.5	-3.3	-1.4	
1.2	3.3	2.7	-1.7	2.6	-2.7	-1.7	-4.6	-1.3	-1.5		-3.2	-1	-2.5	-7.1	-11.5	-1.5	1.1	1.1	-2.2	-1.8	-2.2	-1.7	-1.8
3.7	1.8	2.5	2.2	1.6	1.4	-2.4	2	1.2	-2.2	1	-4.1	1.1	-1.1	-1.6	-19.1	-1.3	-1.8	1.2	-1.5	-1.9	-2.1	-1	
1.2	-1.6	1	-1.1	1.1	-1.3	-1.7	-1.6	-1.4	1.5	1.1	-2.2	1.4	-2.4	-1.6	-2.1	-1	1.1	-3.9	-1.1	4.1	-2.4	-1.4	-6.1
1.3	3.5	3.9	2.2	5.7	4.9	-2	-4.3	-1.9	-6.9	-1.2	-1.4	-1.1	1.7	1.2	-1.9	3.9	-1	-6	-2.9	-3	-2.3	-1.4	-1.9
1.3	1.4	4.5	1.6	9	-1.8	-1.2	3.8	-1	0	-1.3	-1.7	2.1	1.8	-1.2	-1.6	1	1.8	-2.3	-1.3	3.4	3.7	-6.1	-6.3
-1.6	1.4	-1.3	1.7	1	-5.3	-2.1	2.3	-1.3	1.7	1.4	-2.2	1.3	-1.8	1.1	-8.8	1.2	1.1	-1.9	-1.2	-1.9	-1.5	-2.4	-2.2
-1.4	-1.5	-1.2	4.1	-1.7	1	-1.9		2	1.4		-1.9	1.1	1	1.5	2.1	1.3	1.4		1.3	7.3	-1.9	1.5	
-2	-1.3	-3.1	-1.2	-1.5	1.3	1	-1.1	-1.2	-1	1.2	1.1	4.3	1	2.1	-2.4	1.4	1.7	1	2.1	1.8	1.9	1.4	1.1
-1.7	-1.5	-1.9	-1.8	-1.9	1.1	-1.3	1.5	1.2	1.7	1.5	1.1	-4.2	-2.5	-1	-1.6	1.4	-1.4	2.1	2.8	1.4	1.4	4.6	1.1
-2.9	-2.1	-3.3	-1.7	-1.9	2.7	1.9	1.7	-1.2	-1	2.1	1	2.4	4	2.2	-2.8	1.6	3.5	1.3	1.5	2.4	1.1	1.7	1.2
-1.2		-1.5		-5.8	2.3		-1.9	2.7	1.3			-1.6	5.9	-1.6	-1.9	1.6		-2.7	3.5		-1	1.9	2.3
-1.6	-1.7	-2.3	-1.9	-2.8	1.1	1.5	4.5	-1	1.5	1.6	1.5	6	1.6	1.8	-2.4	2.3	1.2	1.7	-1	8.8	-1.2	1	-1.3
	-1.1	-3.9	-2	-2	-1.6	1.5	1.8	1	1.9	1.1	-1.6		-1.2	-1.4	-1	-1.3	2.1	1	-1.3		-1.5	-1.6	-1.6
-2.2	-1.4	-1.2	-2.7	-3.1	-1.2	1.2		2.5	2.1		1.1	1.6	-1	1.4	2.1	1.5	-1.6		1.1	1.3	-2.2	1.2	1.4

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66406	-0.6236816	1.1	-1.7	1.1	-1.5	1.4	1.7	1.1	8.4	1	1.3	1.3	4	-2.6	-1.6	-2.3		2.1	1.5	2	1.5	-2.2	2.7	2	-1.2	3.8	1.6	1.3	-2.9	-1.8	-1.5	-1.9	-4.4	-1.8	-2.8	-3.2
785840	-0.6164946	2.1	-1.2	1.1	-1.6				-1	2.5	-1	1.7	-1.4	2.2	1.2	-2.2	-1.2	1.4	1.3	2.2	1.7	3	2.3	3.2	-1	1.9	3.5	1.4	1.1	-1.1	-1.1		-1.8	-1.7	-1.9	-2.5
210862	-0.6121013	-1.1	-1.6	-2	-1.4	1.4	3.9	-1.2	1.7	1.6	1.4	2.4			-1.4	1		1.2	0	1.9	2.5	1.4	1.3	1.6	1	1.7	2.3	1.4	-1.4	-1.6	-1.9	-1.8	-1.5	-1.4	1.3	-2.7
84295	-0.5988522	1	-2.9	-1.9	-2.2	-2.5	1.3	-1.1	-2	1.2	-1.2	1	2.9	-1.3	-1	2.6	3.7	-1.1	-1.4	1.9	3.1	1.8	-1	2.9	1.4	1.8	1.1	3.9	1.5	-5	-4.6	-5.8	1.1	-4.6	1.3	-1.1
429182	-0.5953957	-1.6	-3.8	-1	-1.4	1.6	-1.2	-1	1.1	1.8	-1	-1.2		1.9	1.8		2.1	-1.5	-2.1	1.3	2.4	1.2	1.5	1.9	1.1	1.1	2.4	1	-1.8	-1.4	-4.1	-1.7	-3.7	-1.7	1.2	-2.5
705064	-0.5919532	1.3	1.1	-1.5	-1.4	1.7	1.8	2.5	2.3	1.4	2.5	2.1	4.4	-2.2	-1.9	-1.5	-2.4	-1	-1.1	2.1	-1.1	-1.4	3.4	1.4	1.5	3.6	2.1	1.5	-1.6	-1.1	-1.3	-1.1	-4.4	-1.8	-2.4	-3.2
782513	-0.5842381	4.3	-1.5	-3.9	1.2	-1.6	2.1	-1.3	1.9	3.3	2.6	2.4	11.4	-2.9	-2	-1.1	-1.2	2.6	1.3	1.3	1.4	1.2	9.4	4.8	-6.6	2.9	3.3	9.7	2.9	-1.5	-2.7	-1.4	-3.8	1.1	-12.5	-4.6
839682	-0.5787071	-1.1	1.6	-1	-1.7	-1.3	2	1.9	7.9	1.6	1.5	1.8			-1.8			1.3	1.4	2.3	2.5	-1.3	1.6	1.5	1.1	2.4	-1.2	-1.3	-1.7	-1.9	-1.9	-1.9	-3.5	-1.5	1.2	-1.2
768377	-0.5722398	-1.5	-1.2			1.1	-1.4	-1	1.5	1	-1.8	1.3		2.5	2.3	-2.9	2.6	1.1		1.8	2.4	1.6	1.7	1.1	1.5	1.1	1.3	1	-1.5	-1.8	-1.3	-2.9	-2.4	-1.1		-1.6
2309073	-0.5704492	-1.3	-2.1	1.1	-2.4	1.2	1.8	1.3	1.8	-1.2	-1.4	1	1.5	-1.2	1.4	-1.6	-1	1.6	-1.3	1.3	1.6	1.5	2.7	3.7	1.3	5.9	3.7	-1.3	1.6	-1.3	-2.2	-3.2	-1.8	-1.7	-1.2	-1.4
789376	-0.5581699	1.3	-1.2	-1.3	-1.6	1.9	2.3	2.3	1.8	2.1	1.2	1.6	-1.3	-1.7	1.1	-8.3	1.7	-1.2	1.1	1.2	1.2	-1	2.3	1.7	-1.3	2.8	2.9	2.7	-1.1	-1.2	-1.9	-1.4	-10.8	-1.5	-1.5	-2
196992	-0.553234	-1.3	-1.9	-2	-1.5	2.1	-1.1	-1	-1	1.9	1	-1.1			-1.9	-2.6		1.1	1.2	1.4	-1.1	1.1	2.5	1.8	1.1	-1.5	2.2	-1	-1.2	-2.7	-1.8	-3.5	-2.9	-1.4	-1.5	1.2
785707	-0.5509138	-1.1	-3.1	-1.1	-3.6	1.8	1	1.4	1.8	-2.2	-1.7	-1.5	7.6	-1.6	-1.3	3.6		-2	-1.7	1.4	-1.1	2.1	2.7	2.1	2.4	2.5	1.9	2.7	1	-3.9	-4.3	-4.5	1.8	-4.7	-4.1	1.4
1505038	-0.5442718	1.3	1.3	1.2	1.2	1.6	1.7	-1.2	1.3	1.2	1	1.3	1.7	1.2	2.1	-1.1	1.1	-1.1	-1.1	1.3	1.4			1.7	-1.1	2.4	-1.1	1.1		-1	-1.6	-1.2	1.1	-1.4	-1	
869375	-0.5426562	1.6	1.6	-1.9	-4.2	2.5	1.3	1.5	5.7	1.6	1.4	1.8	3.6	-1.4	-1.3	-2.3	-2.7	1.7	-1.4	3.4	2.5	-2.1	1.8	2.4	-1.1	2.7	2.6	1.4	-1.7	2	-2.9	-2	-5.9	-1.5	-1.9	-4.2
109221	-0.5412363	-1.2	-1.6	-1.3	-1.2	1.1	-1.2	-1.1	2.6	1.6	1.1	1.1	3.4	1.8	1.2	-2.5	1.5	1.1	-1.3	2.1	1.5			1	-1.5	1	1.8	-1		-1.6	-1.1	-3.4	-3.9	-1.5	-1	
345787	-0.5295463	1.1	-1.1	-1.2	-1.4	3.1	1.9	1.6	3.8	-1.2	1.4	3.4			-1	2.7		1.6	-2	1.3	1.6	-2	-1	2.2	-1.1	2.8	2.2	1.3	-2.5	1	-1.3	-1.5		-1.8	-2.2	-4.3
46248	-0.5283572	1.1	0			-2	2	1.3	2.7		1.3	2.9					1.8	-1.1		1	1.4	1.3	-1.5	1.8	2.1	-1.1	2.1	1.7	1.1	-1.5	-1.9	-1.5		-2.2	1.4	-1
79520	-0.5278325	2.4	-1.1	-1.1	-1.7			-1.2	2.1	1.3	1.6	1.8	6.8	1.7	1.6	-2.1	1.1	1.9	1.3	1.1	1.1	1.6	1.3	2.4	-1.1	1.1	3.3	1.2	1.4	1.1	-1.1	-4.4	-1.9	-1.3	-1	-1.2
469383	-0.5268638	1.5	-1.1	-1.1	-2.1	1	1	1.9	2	-1.2	1.3	1.7		2.8	1	-1.8	1.3	1.1	1.1	1.9	-1.1	1	1.4	3.4	1.2	1.4	1.1	-1.7	-2	-1.9	-1.1	-3.2	-1	-1.2	-1	-2.8
509588	-0.5220236	-1.1	1	-1.1	-1.3	1.4	1.5	-1	2	-1	1.4	1.4	1.1		-1.1	1.1		1.1	2.2	1.2	1.2	1.3	2.1	1	1.3	-1.2	1.1	1.5	1.1	-1.2	-1.4	-1.3	-1.2	-1.2	1.2	-1.2
292936	-0.520002	1.8	1	1.5	-1.8		2.7		5.3	1.9	2	2.6	5	-1.8	1	-1.9	-1	-1.2	1	1.9	3.4	-1.8	3.2	1.8	-1	8.4	1.5		-1.6	-1.4	1.1		-3.2	-2.1	-1.5	-2.5
686172	-0.5195435	1.6	-1.4	1.7	1.2	-1	1.2	-1.2					1.2	3.6	1.7	1.1	1.9	-1.2		1.1	1.4	1.9	1	1.3	1.8	-1.4	3.4	1.3	1.1	1.3	-2.2	1	1	-1.5	-1.4	-1.4
788655	-0.5152008	2.2	1.7	1.6	1.1			1	-1.3	-1.4	1	1.1		2.7	1.5	0	-1.1	1.2	-1.2	1.8	-1.3	1.4	1.4	2.5	1.1	-1.5	2.3	-2	-1	1	-1.4		-1.4	-2.7	-1.6	-1.2

770992 -0.5150824
1587847 -0.513261
79710 -0.5075821
2056566 -0.5015192
454339 -0.5014081
594226 -0.4993317
897813 -0.4988403
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79254 -0.4950892
1472719 -0.4945719
2054635 -0.4930315
289978 -0.4920009
155806 -0.4914168
147834 -0.4911983
26171 -0.4880202
2322367 -0.4870426
769921 -0.486417
73009 -0.4848016
2014034 -0.4818256
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1422338 -0.4768719

34149 -0.4493506	130276 -0.4506479	2139152 -0.4510064	796469 -0.4527781	1616253 -0.4561529	292388 -0.4565644	132828 -0.4573931	504308 -0.4582294	897770 -0.458331	1554549 -0.459487	700792 -0.4596911	347373 -0.4611247	290841 -0.4628575	810316 -0.4633044	814632 -0.4657494	823598 -0.4661801	122241 -0.4671736	143997 -0.4712631	429799 -0.4714419	346257 -0.4715897	770675 -0.4730392	149544 -0.473318	686552 -0.4735499	268946 -0.4756869
-2	-1.2	-1.5	-1.4	2.3	2.1	1.1	-1.1	2.5	1.9	1.5	2.1	2.9	-1.1	-1.3	1.2	1.3	1.2	1.1	-1.4	1.3	-2.5	1	1
-1.1	-1.1		-1.9	1.4	-1.1	1	-1.1	-1.3	1.2	-1.2	1.2	1.3	-1.5	-1.2	-1.2	-1.4	-1.9	1.1	-1.6	-1.1	1.8	-1	1.2
-1.3	-1.5	1	1	1.1	-1.4	1.1	1.1	-1.6	-1.3	1.5	-1.1	-1	-1.1	2.2	-1.6	1.2	1.1	-1.6	-1.3	-1.4	-1.7	-1.2	1
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1.2	-1.5	-1.1		3.2	-1.1	1.2	1.5	1.8	1.3	3.1	1.4	3.5	1.8	-1.1	1.1	-1	1.1	1.6	1.1	-1.1	-1.4	-1.1	-1.7
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-1.9	-1.3	-1.2	2.8		2.7	1	1.6	5.5	2.1		1.6	4.8	1.7	-1	-1.1	1	-1.5	1.2	1.3	-1.1	1.8	1.1	-1.5
2.2	3.2	-1.2	2.6	1.4	1.9	-1.1	13.3	3.6	-1.3	4.2	-1.3	1.9	1.6	1.3	1.4	1.3	-1.1	2.3	2.3	1.4	2.2	1.8	1.5
2.1	1.4	-1.4	1.6	1.8	1.8	1.2	2.3	2.3	1.8	2.1	1	3.6	1.5	1.6	1.7	2.5	-1.4	1.4	1.2	1.9	3	2.1	1.2
1.1	1.5	-1.2	-1	3.3	-1.2	1.9	1.3	3.2	1.6	1.3	1.2	2.1	1.1	-1.4	3	2.1	-1.8	1.3	1.1	-1.1	-1.1	1.6	-1.2
1.5	1.4	1.2	1.4	2.9	-1		2.2	1.5	1.2	2.1	1.5	2.9	1.2	-1	2.2	1.4	1.1	1.1	-1	1.7	1.1	3	1.5
	2.6		6.1	1.4	3.5			2	2.2	6.1	2.7	6			1.3	2.7		3.5	4.5	1.6	1.6	-1.1	1.6
	1.8	1.7	-1.5	-1.4	-1.9	1.7	-1.3	-3.5	1.6	-5.5	-1.1	-5.1		1.5	1.6	-1.1	1.8	1.5	-1.7	1.6	2.2	1.5	1.3
1.8	1.9	1.4	2.2	1.4	-1	-1.7	-1	-1.4	-1.2	-1.5	-1.4	-1.5	-1.6	1.5	1.3	1.5	2	-1	1.1	1.3	-1.3	-1.2	-1.1
	-3.1		-1.2	1.3	-2.7		-3	1	1	-1	-1.6	1.2	1.2	1.3	-1	1.2	-1.7	-3.3	-1.3	-2.6	-1.3	-1.4	-1.8
		1	2.9	-1.5	-1.2	1.3	-2	-3.3	1.6	-4.4	1.7	1.1			1.6	-1		1.7	1.5	1.1	-1	3.9	1.8
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	-1.5		1.7	1.9	0		-1	-2.1	-1	1.5	-1.4	2.9	1.3		-1.4	1.2	-1.2	1.5	-1.1	1	1.4	1.2	1.1
0	-1.1	-1	2.4	1.5	-1.1	-1.1	3.3	1.3	1.1	-1.2	1.1	1.2	2.2	-1	1.9	1.3	1.3	-1	-1.3	1.3	1.6	1.8	1
2.8	2.5	1	2.1	1.2	2.1	1	2.4	2.4	-1.1	1.5	1.3	-1.1	1.1	-1.1	2.5	1.2	1.8	1.7	1.2	1.1	-1.1	1.8	1.2
2.5	1.2	-1.1	1	1.1	1	1.1		1.7	1.3	-3.1	1.3	1.2	-1.3	1.4	1.2	1.1	1.2	1.4		-1	-1.5		1.2
1.8	1.9	-1.2	3	-1.9	1.4	-1.4		3.4	2.8	2.9	2.1	3.8	2.5	1.2	3	1.6	-1.7	1.7		1.3	-1		-1.1
	-1	1.1	3	-1.4	2.3	-2.2	2.8	2.2	1.4	1.8	1.7	2.6	-1.1	1.2	2.6	1.3	1.3	-1	-1	2.2	-1.7	1.8	2.4
	1.7	-1	1.8	-1.1	-1.9		-2.2	1.4	1.8	-1.3	-1	1.5	-1.2	1.2	1.1	-1.5	1.1	1.9	-1.3	-1.2	1.1	1.7	1.3
1.2	2.3	-1.1	3.8	1.3	1.3		3	7	-1.2	2.4	1.3	2.9	-1.3	-1.5	1	1.4	1.4	4.3	1.8	1.2	-1.2	1.1	1.4
2.1	3.2	1.3	2.6	-1.2	2		4.9	-1.1	-1.3	2.9	1.3	1.6	2.4	1.4	2.9	1.7	2.1	-1.1	-1.1	3.6	-1.4	4	2.4
1.4	1.1	-1.4	1	-1.3	-1.5	1.2	-1.3	-1.5	2.9		1.3	2.8	1.1	-1.1	1.3	-1.1	1.3	2.6	1	-2	2.7	2.1	-1.3
	-1.2	-1.4	-1.6	-1.9	-1.7	-1.2		-1.2	1.3	-2.2	-1.4	-1.5	0	1	-1.1	-1.3	-1.4	-1.1		-1.5	2.8		-1.1
-1.7	-1.5		-1.9	-2.3	-1.2	1.1	-1.3	-1.2	-1.4	1	-1.3	-1.4	-2.2	-1.3	-1	1	-1.1	-1.3	-1.6	1.1	-1.8	-1.2	1.1
	-1.5		-2.4	-2.9	-1	1.2	1	-1.1	-1.1	-1.3	1.2	-1.4	-2.4	-1.5	-1.2	-1.5	-1.6	1.2	-1.5	1.1	1.1	-1	-1.3
-3.3	-1.5	-3.6		-1.2	-2.4	-4.7	-1.8	-1.4	-1	-2.6	-1.8	-1.1	-2.3	-1.5	1.1	-1.1	-1.8	-1.8	-1.5	-2.1	-2.5	-1.9	-2.6
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-1.1	-1.7	-1.6	-1.5	1.1	-2.4	-1	-1.8	-1.4	-1.3	-1.8	-1.3	-1.9	1.1	-1.4	-1.5	-1.1	-1.7	-1.6	-1.1	-1.7	-1.2	-2.5	-1.2
-1.3	1.3		1.6	1.3	-1.4		-3.6	-4	1	-2.8	1.1	1.1	-1.4		0	-1.6	1.1	1.3	-1.1	-1.2	-1.3	1.8	1.2
	-1.4	-1.6	-1.9	-2	-1.6	-1.8		-1.9	1.1	-6.6	-1.3	-1.3	1.1	-1.9	-1.8	-1.6	-2	-1.4	-2.5	-2.3	-2.9		-1.6

10028018.122101

586895	784129	531319	42076	43833	67237	280507	2017415	126858	743810	754653	2306987	1492780	2043167	788641	741474	815026	768059	810899	745083	25380	287749	150003
-0.4146686	-0.415142	-0.416471	-0.4169608	-0.4171686	-0.4203845	-0.4218857	-0.4220588	-0.4230946	-0.4233198	-0.4250939	-0.4267557	-0.4270384	-0.4309893	-0.4341429	-0.4354956	-0.4361184	-0.4364357	-0.4368174	-0.4368357	-0.4374535	-0.4468898	-0.4484189
-1.1	1.2	-2.3	-1.1	-1.4	-1.2	-1.3	-1.1	1	1.2	1.6	-5.1	1.3	-1	-1.1	1.4	1.4	-2.6	1.3	2	-1.1	1.2	2.9
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1.5	1.8	-1.1	2.3	-1.4	2.4	2.1	-1.7	1.1	1.1	-1.1	-2.1	1.1	2.3	1.2	1.6	1.2	-1.1	-2.1	-1.3	1.3	-1.5	1.2
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	1.4	1.9	-1.6	1.4	2.5	-1.3	1.7	1.9	1.4	3	4.3	1.3	1.2		2.7	0	-1.6	1.6	2.8	-1.8	1.2	1.2
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	1.1	2.1	1.5	1.7	-1.2	-1.3	1.4	2.2	1.5	1	2.9	-1.5	1.2		3.1	1.3	1	-1	4		1.1	
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1.4	-1.1	-1.1	1.3	-1.8	1.3	-1.1	3.7	1.8	1.5	-1	2.3	1.1	2		1.1	-1	1.5	-1.1	2.1		2.6	3.1
	2.3	5.6				-2.1			5.8	2.7			1.7		1.2		4.9	2.8	-1.1			4.7
1	-1.1	-2.4			-3.2	1.9			-2.2	1.7		1.6	1.1		-1.9	2	2.5	-1.5	3.7	1.9		2.4
-1.2	-1.1	-1.7		-1.3	3.4	1.3	-1.4	1.7	-2.1	1.4		1.2	2.2		-1.7	1.5	1.1	-1.5	-1.5	1.2	1	1.7
-1.6	1.3	-2			-1.1	-1.8				2		-1.1	-2.1		1	-2.3	-3.3	-1.3	-2.6	1		-1.6
1.1	1.4	-2.1			-1.1	1.8			4.6	2.4		1.8	1		-1.3	2.3	1.8	1	1.4	1.2	2.3	2.2
1.5	-2.1	1.9	1.1	-1.5	-1	1	1.7	1.1	1.4	-1	1	1	1.5	1.2	1.5	-1	1.4	2.1	-1.9	1	-1.4	1.4
2	-2.2	1.3	1.7	1.3	1.1	-1.2	1.4	-1.1	-1.1	1.7	2.6	-1	1.5	-1.1	1.5	-1.7	-1.1	1.7	1.2	1.1	1.6	-1.2
-1.7	-1.3	1.3	-1.5	1.1	-1.4	1.3	3	1.2	1.2	-1	1.1	-1.2	1.1	1.6	1.1	1.6	-1.2	1	1.3	2	1.4	2.2
-1.2	1.7	1.9	1.1	-1.6	1.5	1.7	2.6	1.6	1.4	-1	1.9	1.8	1.5	1	-1.6	1.3	2.3	-1.2	1.1		2.2	1.4
	1.8	-3.9		-1.3	2	-1	-2	1.7	-1.8	-1.2	1.9	1.7	-1.3	1.4	2.2	1.2	1.2	-1.1		1.1		1.9
1.6	1.4	4.3		2.2	-1.3	1.2	2.2		1.1	2.3	6	-1	1.3	2.1	1.5	1.2	2.3	1.3				0
1.3	1.8	-1.1	1.5	-1.2	1.9	2.3	2		-1.4	-1.4	3.6	1	1.3		1	2.3	1.5	1.1	2.7	1.1	3.2	2.7
	1.2	-1.7	1.1	-1.5	-1.2	-1.1	-1.2	-1.4	-1.5	1.5	-3.2	1.3	-1.3	-1.2	1.3	1.3	1.2	-1.1	1.1	-1	-1.1	1.4
2.6	3.6	5.5	2.3	-1.1	1	1.9	3.6	-1.2	2.5	-1.5	9.4	-1.1	-1.7	1.7	1	1.2	-1.1	2	3.6	1.3	2.8	-1.6
	2.4	-1.4	2	2	1.8	-1.1	2.6	1.1	1	-1.4	-6.8	2.5	-1	1.3	2	1.4	3.3	1.2	1.9	2.6	2.7	1.6
	2.2	1.4	1.4	-1.1	-1.1	1.8	-1.7	-1.4	-1.2	1.8	3.4	1.9	1.3	1.1	1.9	1.1	1.3	-1.1	2.3	1.1	-1.3	-1.3
-1.3	1.1	-2.4		1.1	-1.2	-2.1	-2.2	-1.2	-3.3	1.2	1.2	1.1	-1.1	-1.1	1	1.1	-2	-1.4		-1.1		-1.1
1.2	-1.8	-2.9	-1.3	-2.6	-1.7	-1.8	-1.2	1.2	-1.5	-1.6	-3.2	1.2	-1.2	-1.1	-1.1	1	-1.6	-1.3	1	-1.3	-1.3	-1.1
-1.1	-2.1	-4	-1.9	-1.4	-2.6	1.1	-1.7	-1	-2	1.4	-1.4	1.5	1.4	1.5	-2.3	-1.4	-1.6	-1.2	-1.2	-1.5	1.2	2
-1.5	-1.4	-1.1	-2	-1.1	-1.5	-2	-1.3	-1.3	-1.4	-2	-1.3	1.1	-2.1	-2.1	-1.6	-1.3	-2.9	-1.4	1.1	-1.5	-4.1	-1
-1.6	-1.1	-1.8			-1.5	-1.8				-1.3		-2.9	-1.7		1.3	-1.7	-2	-2	-3.2	-1.1		-1.5
-1	-1.9	-1.4	-1.2	-1.2	1.2	-1.2	-1.2	-1.6	-1.1	-1.1	-1.3	-1.8	-1	-1	-1.3	-1.9	-1.1	-1.7	-1.5	-1.3	-1.3	-1.1
-1.6	-1.3	-2.8	1	-3.5	-2.6	1.1	-1.6	-1.4	-1.7	-1.4	-8	1	1.1	-1.5	-1.3	1.2	-1.1	-1.7	-1.7	1.3	-1.5	1.2
	-1.1	-2.5		1	1	-2.6	-2.2	-1.4	-4.1	-1	-2.7	-1.4	-1.7	-1.2	1.1	-1.1	-2	-2.1		-1.5		-2.5

Figure 4

CloneID	Discriminatary Weight	DCIS178	DCIS179	DCIS96	DCIS112	DCIS44	DCIS65	DCIS133	DCIS30	DCIS88	DCIS180	DCIS45	DCIS57	DCIS79	DCIS14	DCIS102	DCIS193
DCIS Grade		III	III	III	III	III	III	III	III	III	I	I	I	I	I	I	I
2460159	4.63	-1.5	-1.8	-1.6	-2	-2	-1.1	-1.7	-1.3	-1.1	1.7	1.5	2	1.7	2.2	2.8	2.2
358151	2.88	-2.6	-2.3	-1.9	-2	-2.2	-1.8	-2.1	-2	-1.1	1	-1.5	1.4	-1.1	1.3	1.1	1.4
795382	2.77	-1.5	1.7	-2.2	-3.5	-1.5	-1.9	-2.4	-4	-3.7	2.6	1	2.7	2.1	3	2.4	3.1
714472	2.68	-2.2	1.1	-1.2	-1.5	-1.8	-1.4	-2.7	-2.9	-2.5	1.3	1.6	1.4	1.6	1.6	1.1	1.3
725649	2.64	-1.8	-2.5	-1.9	-3.8	-2.1		-2.5	-13.4	-4.6	2.4	4.2	-1.5	5.4	4.5	8.1	2.7
51218	2.62	-1.6	-2.4	-1.5	-1.7	-1.8	0	-1.7	-1.8	-1.2	1.3	1.2	1.6		1.2	1.2	2.1
504959	2.58	-1.7	-4	-7.6	-1.9	-2.5		-4.6	-5.5	-2.3	2	5.8	3.1	-2	1.8	2.7	4.4
647397	2.53	-3	-3.2	-6.5	-10.4	-5.8	1.2	-5.2	-15	-7.3	-1.8	3.3	3	-1.4	3	3.9	2
814815	2.42	-1.3	-2.9	-4.8	-3	-2.9		-2.7	-2.2	-2.6	1.2	1.4	2.2	1	1.5		
279720	2.41	0	-1.6	-2.1	-1.8	-1.2	-1.3	-1.3	-2.5	-1.1	1.4	1.3	1.4	1.7	1.3	-1	1.8
298231	2.41	-3.2	-1.2	-1.3	-1.8	-1.7	-2	-3.5	-6.8	-2.5	1.3	2.2	2.4	-1	0	1.4	2.1
172783	2.33	-1.9	-1.1	-1.7	-2.1	-1.7	-1.5	-2.1	-1.1	-2.3	1.1	1.3	1.5	1.1	-1.2	1	1.1
261609	2.31	-1.7	-3	1.1	1.1	-2.3	-1.4	-1.7	0	-1.2	4	2.9	3.9	-1.4	4.5	2.5	2
826668	2.30	-2.2	-1.4	-1.5	1.2	-1.8	-2.3	-2.2	-1.3	1	-1.2	1.5	1.7	1.6	1.4	1.4	1.8
1493383	2.26	-1.2	-1.5	-2.2	-1.8	-2.1	-1.2	-1.6	-2.6	-1.7	1.2	1	2	3	1	1.1	1.1
2017756	2.24	-1.1	-4.9	-2	-4.2	-2.4	-1.2	-3.7	-1.9	-2.7	1.6	2	2	1	-1.3	-1.1	1.5
1455566	2.18	-1.1	-1.5	-1	-2	-1.2	-1.2	-1.3	-1.4	-1.2	2	-1.3	1.7	1.9	2.3	1.1	2.6
725321	2.17	-2.3	-26.5	-13.1	-1.5	-3.9	1.5	-13.5	-9.7	-3.7	1.5	1.8	2.3	1.5	2.3	1	3.1
180561	2.14	-4.2	-3.3	-19.8	-3.3	-5	-10.3	-6.3	-2.8	-1.9	1.9	-1.1	-2.5	2.1	-2	-1.1	2
32050	2.12	-4.6	-2.2	-4.2	-1.4	-1.7	1.6	-3.2	-6.4	-1.2	2.4	2.2	-1.2	1.3	4.6	2.5	2.8
215000	2.12	-1.4	-1.2	-2.7	-1.3	-2	-1.2	1	-3.3	-1.4	1.1	1.2	1.4	1.6	2	1.2	1.3
2019750	2.10	-1.9	-1.6	-2.5	-1.4	-3.1	1.1	-1.3	1	-2.4	1.5	3.8	1.7	1.1	1.6	4.7	1.1
283124	2.09	-3.2	-2.3	-4	-2.1	-2.8	-1	-3	-5.8	-2.5	1.2	1.1	1.2	-1.5	-1		1.2
490615	2.06	-2.6	-2.1	-9	-1.6	-1.9	-2.7	-1.7	-1.2	-3.2	1.5	1.2	1.7	-1.6	1.2	1.5	1.3
666138	2.06			-2	-1.4	-1.8	-2.3	-2	-2.1	1.5	-1.1	2.1	1.6	1.9	1.4	1.6	2.6
418129	2.05	-1.7	-1.8	-3.3	-1.3	-1.4	1	-1.3	-1.9	-2.1	1.1	1.1	1.3	1	-1.1	1.1	1.7
1733262	2.05	-1.7	-1.7	-2	-1.7	-1.4	2.5	-2.1	-4.3	-1.3	4.3	1.8	2.2	-1.3	6.9	6.9	4.2
1588791	2.04	-1.4	-1.1	-2.7	-2.3	-2	-1.7	-1.9	-3.7	-3.4	-1.2	1.3	1.5	2.4	-1.2	-1.4	2
461761	2.04	1.3	-3.8	-2.4	-3	-1.3	-1	-1.6	-1.6	1.3	2.5	2.2	2.2	2	0	1.5	2.1
1031592	1.99	-2.7	-1.2	-3.5	-1.1	-1.9	-1.1	-2.7	-1.8	-1.3	-1.3	1.4	-1	1.5	1.6	1.5	1.5
126415	1.98	-2.7	-1.3	-1.3	-2.2	-2.4	-1	-2.3	-2.5	-1.7	-1	-1.5	1.4	1.3	1.1	-1.1	1.5

28643	1.97	-1.2	-1.8	-2.4	-2.2	-1.3	-1.5	-2	-3.8	-1.5	-1.4	1.3	1.2	1.6	1.1	-1.3	1.4
470261	1.92	-2.9	-1.6	-1.5	2.3	-1.6	1.1	1	-1.4	1.1	2.2	-1.2	2.6	3.4	4.1	3.7	2.6
1630990	1.92	-1.5	-1.4	-4.8	-2.1	-3.6	-1.4	-3.5	-2.2	-2.7	1.2	1.5	1.1	1.2	-1.1	-2.1	-1
810981	1.91	-1.5	-1.2	-4.1	-1.5	-1.7	-1.5	-3.4	1	-1.5	1.5	1.5	2.8	1.4	1.1	-1.2	1.5
767495	1.91	-3.5	-9.4	-1.3	-4.7	1.1	-1.6	-1.4	-2.5	-2.3	2.6	1.3	3.2	-1.5	2.6	-1.1	3.1
767176	1.90	-2.1	-1	-2.8	1.2	-2.1	-1.6	-1.1	-2.4	-1.9	-1.1	-1.1	1.7	3.2	1.3	1.5	1.7
1572196	1.89	-1.2	1.4	-2.2	-2.8	-1.7	-2.8	-3.3	-2.1	[illegible]	4.8	-1.3	3.5	-1	6.1	1.4	8.5
1706635	1.88	-1	1.4	-1.5	-1.4	-1.5	0	-3.7	-1.6	-1.8	1.7	1.2	2.3	1.2	2.6	2.2	1.1
186301	1.84	-1.3	-1.3	-3.4	-1.2	-2.5	5.8	-2.9	-1.9	-2.7	4.4	3	6.8	-1.4	5.1	3.8	6.4
726703	1.84	1.1	-1.8	-4.5	-1.3	-1.9	[illegible]	-4.1	-2.9	[illegible]	4.3	3	3.8	-1.2	2	1.4	[illegible]
214205	1.84	-2.8	-3.2	-5.4	-3.2	-3.3	2.2	-1.3	-2.8	-1	1.4	1.1	2.3	-1.2	4	5.1	2.8
784178	1.82	-1.3	-1.5	-2.2	-2	-1.8	-10.6	-4.3	-3	-1.4	-1.6	4	-1.1	-1.1	1.6	3.3	3.5
346902	1.82	-2.1	-2	-2	-1.6	-2.2	-1.2	-1.8	-1.6	-1.1	-1.4	-1.4	1.2	-1.1	1.5	1	1.1
1367678	1.82	-1.6	-1.4	-1.5	1.1	-1.7	-1.1	-1	-1.4	-2.5	1.1	1.1	1.2	-1	1.4	-1	1.5
190059	1.80	-2.5	-1.9	-1.8	-3.5	-2.2	-3.4	-1.5	-2	-1.8	1.4	1.1	1.5	-1.5	-2.4	1.7	-1.3
1456937	1.80	1.1	-1.8	-1.1	-1.8	-1.2	-2.5	-1.9	-4.3	1.1	2.1	-1.6	3	1.5	2.5	1.6	1.6
45578	1.79	-2.9	-1.3	-2	-2.2	1.1	1.1	-2.4	-1.7	-3.4	1.4	1.1	1.2	1.2	-1.1	1.1	1.5
248631	1.77	-1.6	-2	-1.6	-3.4	-3.7	-1.8	-4.9	-2.6	-5.6	-1	-1.1	-1.5	1	-1.2	-2.2	1.4
1562231	1.77	-1.2	-1.2	-1.6	-1.5	-1.4	[illegible]	1.4	-1.6	-2.4	1.4	1.2	1.1	1.3	1.7	1.8	[illegible]
154466	1.75	1.2	-1.1	-1.9	1.2	-1.7	[illegible]	-1.7	-1.6	-1.5	1.2	1.5	1.6	2.3	1.1	1.5	[illegible]
2524445	1.74	-1.1	-2.8	-1.9	-1	-1.7	-1.1	-1.5	-1.7	-2.8	1.1	-1	1.8	2.4	-1.2	1	1.3
277266	1.73	-1.6	-1.3	-1.8	-1.4	-1.8	-1.5	-1.2	-1	-1.3	[illegible]				1.4	2	2.2
741891	1.73	-1.1	-1	-4.4	-1.9	-1.3	1.2	-1.3	-2.8	-1.1	2	-1.4	2.2	1.2	2.1	2.7	1.8
206217	1.72	-2.1	-1.5	-2.3	-1.7	-3.9	[illegible]	1.1	1	-3.1	-1.1	1.1	2	1.5	1.3	-1.2	2
2028876	1.71	-2	-2.2	-4.3	-1.3	-1.8	1.1	-1.5	-3.5	-1.5	-1.4	2	1.4	-1.3	1.1	1.3	2
730036	1.71	-1.5	-1.2	-2.7	-2	-3	1.4	-1.4	1	-3.6	-1.2	2.6	2	[illegible]	2.2	1.4	1.5
1558233	1.70	1.9	-1.6	-1.5	-1.6	-1.5	1.3	-4.7	[illegible]	-2.1	1.5	3.1	2.7	-1.3	4.6	2.1	4.8
502518	1.70	-3.4	-1.5	-6	-2.2	-1.7	1.1	-2.7	-3	-1.8	-1	1.3	-1.4	-1.3	-1.1	1.7	1.5
356835	1.70	-2.3	-1.4	-2.7	-2.1	-2.3	1.4	-1.9	-3	-3.4	1.5	-1.2	-1.5	-1.2	1.9	1.2	1.5
744994	1.69	-2.2	-1.2	-1.5	-1.5	-1.3	1.6	1	-1.4	-1.2	-1.2	2.1	3.1	1.2	1.4	1.3	2.1
810358	1.69	-2.8	-1	-3.6	-2.5	-3.9	-1.9	-2.5	-1	-1.8	1.3	-1.6	1.6	1.1	-1	-1.1	-1.1
813854	1.69	-2.3	-2.5	1.1	-1.1	-1.9	-1.5	-3.2	-1.3	-2.1	[illegible]	1.2	1.1	1.5	1	-1	1.1
768043	1.69	-1.4	-1.2	-1.4	-1.5	-1.5	-1.3	-2.1	-2.3	-2.4	2.3	1	1.9	-1	-1.1	[illegible]	
264632	1.66	-1.4	-1.6	-1.3	-1.5	-1.3	-4.2	-2.4	-3	-1.4	1	1.2	2.1	-1.2	1.3	-1.5	1.2
505243	1.66	-1.1	-1.4	-1.8	-2.3	-1.7	[illegible]	-1.7	-2.4	-1.4	-1.1	1.1	2	-1.8	1.4	-1.1	1.7
344073	1.66	-1.1	-1.8	-2.8	-1.3	-1.2	1.4	-2.7	-3.3	-1.1	-1.3	1.1	1.4	1.3	2.2	1.7	2.7
343760	1.64	-1	1.1	-4	-2.2	-1.6	-4.3	-2.1	-6.9	-4.2	1.6	-1.1	1.3	-1.4	2.1	-1.5	2.6

1569418	1.64	-2.3	-1.4	-1.5	1	-1.5	1.1	-3.8	-2.1	-2	-1	1	1.5	-1.1	1.1	1.4	0
202577	1.64	-1.8	-1.3	-2.3	-1.3	1	-1.4	-2.1	-3.4	-1.6	1.1	-1	1.3	1.7	-1.4	-1.2	1.5
823634	1.64	1.5	-1.5	-1.4	-2.1	-1.7	-3.2	-3.6	-3.3	-2.3	1.3	1.4	1.3	-1.5	1.1	-1.1	1.5
839796	1.63	-1.6	-1.4	-1.8	-1.6	-2.6	-2.3	-2.3	-1.5	-1.2	-1.4	1.2	-1.7	-1.3	-1.1	1.3	1.2
183440	1.63	1.1	-1.2	-4.4	-1.4	-2.1	-1.3	-2	1.7	-1.8	-1	2.1	1.9	1.1	1.5	1.5	2.3
344959	1.63	-1.3	1.2	-2.8	-2.1	-1.7	-10.8	-20.2	-18.9	-12.1	-2	2	6.4	-1.1	3.4	-1.6	4.1
1574252	1.62	-1.3	-2	-1.4	-1.1	1.4	-2.3	-2.1	-2.3	1	1.1	1	1.4	2.1	1.5	-1.1	2.2
669359	1.62	-1.2	-1.4	-2	-1.3	-1.4	[illegible]	1.1	-2.1	1.4	4	[illegible]		-1.1	3.9	17.3	4.6
74070	1.61	-1.2	1.3	-1.8	-1.3	1.1	[illegible]	-1.5	1.1	1.3	2.8	1.1	1.3	1.8	1.8	3.1	[illegible]
1660649	1.61	-1.4	-1.1	-2.1	-2.2	-2.8	-1.7	-2	-1.7	-1.3	-1	1.4	2.2	1.1	-1.5	-1.5	1.2
796723	1.60	1	1.3	-2.2	-2.4	-1.7	1.2	-1.7	1.1	-2.8	1.2	1.2	1.5	1.7	1	1.9	1.8
743146	1.60	2.1	1.1	-1	-1.2	1.1	-4.1	-7.8	-6	-5.7	8.2	3.1	18.2	-1.5	5.7	-1.1	3.4
789147	1.59	1.3	-1.1	-3.3	-1.3	-2.2	1	-3.4	-1.4	-1	3.9	2.9	2.3	-2.3	1.8	3.8	2.1
342181	1.59	-4.5	-9.1	-7.7	-1.1	-2.4	2.2	-2.9	-9.1	-5	1	-1.3	1.6	-2	1.7	3.5	2.5
33076	1.58	-1.8	-1.7	-2.1	-2.4	-1.4	-1	-1.4	-1.5	-1.5	-1.4	4.1	-1.3	1.1	1.3	1.9	1.3
782497	1.58	-1	-2.8	[illegible]			-1.7	-1	-7.8	-4.3	1.4	2.5	1.5	1.1	-1	1.7	1.7
470261	1.58	-1.4	-1.4	-1.2	2.8	-1.3	1.5	-1.2	-1.4	-1.1	1.9	-1.3	3.4	3.3	2.9	2.7	2.4
809507	1.57	2.3	1.3	-1.6	-2	-1.2	-1.3	-1.8	-2.6	-3.9	1.6	1.3	2.2	1.9	1.4	1.6	1.6
712460	1.57	-1.6	-1	-1.1	-1.6	-1.5	-1.1	-2.2	-1.1	-1.4	1	1.8	-1.3	[illegible]	1.8	1.4	1.1
293569	1.57	-1.7	-1.1	2	-1.2	1.5	-4.1	-1.3	-2.3	-1	1.2	2.1	1.8	2.6	2	1.4	2.6
1518402	1.56	1.9	-1.5	-1.6	-1.6	-1.5	2.5	1	-1.5	-1	[illegible]	3	1.4	[illegible]	5.6	2.5	3.4
155072	1.56	-1.6	-9.4	-9.2	-2.6	1.8	1.2	-1.1	-60.6	1.4	2.6	2.6	3.3	2.1	2.5	3.8	2.6
455269	1.55	-1.5	-1.2	-2.4	1.1	-1.4	-1.5	-2.2	-6.9	0	1.4	-1.3	1.2	1.8	1.5	1.7	1.4
262804	1.55	-1.1	1.3	-2	-1.1	-1.3	-1.7	-1.3	-1.1	-1.9	-1.5	1.7	1.3	2.4	1.5	1.1	1.5
1492238	1.55	-1.4	1	1.2	1.7	1	-1	-1.4	-1.3	-1	-1	1.3	1.7	3.3	1.7	1.6	1.9
364865	1.55	-3	-1.7	-1.7	-2.3	-1.6	-1.3	-3.2	-6.1	1.1	1.3	-1.5	1.9	[illegible]	3.6	1.9	[illegible]
2325804	1.55	-1.9	-1.1	-1.5	-1.4	-1.2	2.4	-1.5	-1.2	-3.3	2	1.3	2.2	-1.3	2.5	2.3	1.8
1635062	1.54	-1.9	-3.2	-1.3	-2.2	-3.2	1	-2.7	-1.9	-1.5	-1.6	1.3	1.1	1.5	-1.1	-1.5	1
344168	1.54	1.1	-1.1	-3.7	-3.8	-3.2	1.2	-2.1	-2.3	-2.5	-1	1.3	1.3	1	-1.1	-1	1.5
1517171	1.54	-2.3	1	-1.5	1.1	-1.1	-1.5	-1.7	-4.7	-1.9	1.4	1.7	1.1	1.2	-1.1	1.1	1.4
769600	1.53	-1.4	-1.6	-1	1.2	1.2	4.6	-1.1	-2.6	1.3	3.3	1.1	3.1	2.8	3.6	2.4	5.6
325583	1.52	-2.2	-1.1	[illegible]			-2.9	-1.7	-1.5	-2.1	-1.3	[illegible]		1.4	-1	1.6	1.4
814826	1.52	-1.8	-1.8	-2.4	-1.6	-1.7	1	-2.1	-1.7	-3.5	-1.7	-1.3	1.4	-1	-1.4	1.3	1.4
1570502	1.52	-1.6	-1.8	-1.6	-1.6	-2.1	-1.9	-5.3	-1.5	-3	1.1	1.7	1.4	-2.2	1.4	-1.8	2.2
511831	1.52	[illegible]		-1.4	-1.9	-1.7	-2.8	-4	-4.9	-2.6	1.1	1.4	-2.1	1.3	-1.6	-1.5	1.1
124922	1.51	-1.6	-1.1	-1.5	-1.7	-2.3	-1.1	-2.7	-1.5	-2.5	-1	-1.1	-1.3	1.2	1.1	-1.3	2.5
2072768	1.49	-1.9	-1.6	-2.1	-2.4	-3.4	-1.2	-3.6	[illegible]		-1.3	1.2	1.4	1.1	[illegible]	-1.7	-1.1

2021882	1.49	-2.1	1.9	-1.3	-1.6	-1.7	1.1	-6.4	-7	-3.3	1.4	-1.4	2	1.1	2	2.2	2.2
627248	1.48	-1.6	-2.6	1	1.9	-2	1.1	-1.9	-2.8	-1.6	1.3	3.3	1.2	-1.3	1.5	2	1.6
725503	1.48	1.8	1.1	-1.5	1.1	-1.4	-1.9	-3.8	-2.8	-3	2.9	1.9	1.9	1.1	-1.3	2.6	1.1
285312	1.47	1.1	-1.1	-2.7	-1.6	-1.8	-1.5	-1.4	-2.1	-3.6	1.7	2.2	1.3	-1.2	-1.4	-1.5	1.8
141731	1.47	-1.8	-1.2	-1.5	-1.7	-1.6	-2.6	-2.3	-1.6		1.3	1.5	1.5	1.2	-1.9		
1456701	1.47	-1.6	-1.1	1.6	-1.2	2.2	1.3	0	1.3	-1.5	2.2	1.1	1.7	1.7	3.4	2.4	2.7
898222	1.47	1.1	-1.2	-2.1	-1.1	-1.2	1.4	-1.8	1.2	-2.9	1.2	1	2	1.6	1.5	1.6	1.2
725284	1.46	-1.6	1.7	-1.8	-1	-1.6	1.5	-1.9	-1.4	1.1	1.1	1.2	2	2	1.2	2.1	1.8
154999	1.46	-1.1	-1.4	-1.9	-1.7	-1	-1.5	-1.3	-1.7		-1.5	1.2	1.3	0	-1.1	-1	1.5
1592530	1.46	-2	-1.4	-1.6	-2.5	-1.8	-1.4	-2.4	-1.1	-1.6	-1.2	1.5	-2.1	1.3	1	-1.1	1
590310	1.45	-3.2	1	-1	-1.9	-2.9	3.1	-3.3	-14.3	-6.2	-1	5.8	11.8	-1.5	4.7	-1.4	7.3
416042	1.45	-1.5	-1.8	-1.5	-2.5	-1.2	1.5	-1.7	-2.8	1.2	1.1	1.6	-1.3	1.7	1.8	1.1	1.5
2017144	1.45	-1.5		-1.9	-3.2	-1.8	2.1	-1.1	-1	-3.4	2.1			1.5	2.2	1.5	1.9
309449	1.44	-1.2	-1.5	-1.3	-1.2	-1.3	-3.2	1.2	-2.3	-1.2	-1.2	2.2	1.2	-1.1	1.6	1.2	-1
450301	1.44	-2.1	-1.4	-1.5	-1	-1.2	1.7	-2	-1.1	-1.3	1.5	-1.2	1.3	1.6	1.5	1.1	1.4
1492468	1.44	-1.7	1.1	-1.4	1.2	-1.1	-1.7	-1.8	-3.9	-1.6	1.3	2.9	1.5	1.5	-1.7	2.4	1
121454	1.44	-1.1	-1.9	-2.4	-1.7	-1.1	-2.4	-1.9	-1.1	-1.6	1.7	-1.2	1.3	2.3	-1.2	1.2	-1.7
743880	1.43	-2.3	-1.1	-1.5	-3.5	-1.4	-1	-1.8	-1.4	-1.6	1	1.7	-1.1	1.1	-1	-1.3	1.1
1568967	1.41	1.2	-1.1	-2	-1.3	-1.4	-1.8	-2.5	-1.7	-1.2	1.2	1.7	1.3	-1.1	-1.1	-1.1	-1.2
1568989	1.41	1.1	1.4	1	-1.2	1.1	-2.9	-1.9	-1.7	-2.2	1.6	1.2	1.5		1.7	1.9	1.1
25274	1.41	-3.6	-3.3	-1.3	-3.9	-2.3	3.4	-6.4	-5	-6.1	1.2	-1.1	-1.7	1.1	1.5	2.1	2.3
2413337	1.41	1.8	-1	-1.8	-2	-1.4	-3	-1.2	-1	-1.6	4.2	2.4	1.9	1.3	1.4	-1.2	
197913	1.40	-3.3	-1	-1.1	-1.6	-1.5	-1.7	-1.6	-2.2	-1.1	-1.5	1	1.3	1	1.1	1.3	-1.1
292770	1.40	1.2	1.3	1.2	-1.2	1.1	1.1	-1.7	-1.3	-1.9	1.4	1.4	-1	2	2	1.3	1.6
143332	1.39	1.1	-1.6	-1.4	-2.3	-1.8		-7.5	-3.9	-2.6	-1.4	24.1	5.5	-1.1	2.5	-1	
809779	1.38		-2.3	-2.3	-1.5	-3.4	1.2	-2.9			1.1	1.3	-1.4	-1.3		1.5	2.2
138242	1.38	-1.2	-1.1	-1.4	-2.2	-3.2		-4.1	-2.6	-2.1	-1.2	1.1	1.3	1.3	-1	-1.7	
270127	1.38	-1.4	1.4	-1	-1.1	-1.3	-2.6	-2.2	-1.1	-1.8	1.8	-1.3	-1.1	1.4	1.4	1.2	2.8
49240	1.38	-1.4	1.1	1.1	-2	-1.5	1.5	-1.4			1.9	1.5	1.5	-1.1		2	1.4
826622	1.37	-1.5	-2.9	-1.6	-1.3	-1	1	1.1	-1.1	-1.6	1.3	2.5	1.4	-1.1	-1.1	1.9	1
1858837	1.37	1.9	1.6	-1.7	-2.2	-1.7	-3.1	-3.3	-1.8	-2.9	1.3	2.3	2.1	-1.6	1.4	1.3	1.4
1583198	1.37	1.4	-1.1	-1.1	-1.1	-1.1	1.3	-1.2	-2.9	-1.6	1.2	6.2	1.9	-1.3	6.8	1.6	1.9
345858	1.36	-1.5	-1.1	3.1	-2.2	-1.3	-2	-1.5	-2	-2.1	3.9	1.1	1.9	-1.3	1.8	1.3	2.4
208387	1.36	1	-1.4	-1.8	-1	-1.2	-1.1	-1.2	-3.4	-1.2	0	-1.3	1.4	-1.1	3.7	1.6	3.1
502782	1.36	-1.3	-1.2	-1.6	-1.5	-1.6		-1.1	1.3	-2.1	-1	-1.1	1.3	-1	1.8	1.8	
26294	1.36	-1.7	-2.1	-1.2	-1.2	-1.1					1.8	3.9	11.4	1.7			
669379	1.36	1	-2.1	-1.2	1.3	-1.1	-1.1	-1.9	-1.1	-1	2.3	1.9	-1.3	-1.1	3.4	1.3	1.6

810728	1.36	-2.4	-1.5	0	-1.4	-1.8	-2.1	-2.2	-7.3	-2.8	-1.5	1.1	1.5	1.3	1	-2.1	1.5
1601845	1.35	-2.7	-1.6	-1.2	-1.2	-2.5	-1.4	-1.5	-2.2	-4.3	2.1	-1.8	1.2	-1.2	1.3	-1.5	1.2
840882	1.35	-1.1	-1.4	-2.5	-1.3	1.2	-1.4	-1	-5	-2.6	-1.2	2.3	1.4	-1.2	1.1	1.4	1.5
82173	1.35	-1.2	1				1.3	-2.4	-1.9	-1.9	1.4	1.8	2.1	-1.1	1.1	1.3	
490965	1.35	1.2	-2.6	-5.7	-2	-1.7	2.6	-2.3	-6.9	-4.6	-1	3.1	1.4	-1.8	1.7	1.9	1.5
811162	1.35	-1.6	-2.3	-19.1	-4.4	1.1	-2.8	-3.4	-51.7	2	1.6	1.3	2	-1.6	1.8	3.6	1.3
61061	1.34	1.4	1.4	-1.4	-2.4	-1.7	2.7	-2.3	-2.5	-1.5	1.4	1.4	1.3		2.7	2.6	2.9
49630	1.34				-2.1	-1.6	-1.9	-2.8	-1.7			-1.1	-1.6	1.8	6	1.9	2.2
825659	-2.83	2.3	1.7	1.6	1.9	1.3	1	1.2	1.3	2	-1.3	1	-1.2	-1.6	-1.5	-1.5	-1.8
769921	-2.71	3.4	1.8	13.4	2.7	2.7	8.2	2.9	7.5	2.6	-1.2	-1.6	-2.2	1	-1.1	1.2	-1.7
788232	-2.66	2	2.2	3	1.5	2	1.9	1.5	1.4	1.3	-1.1	1.2	1.2	-1.2	1	-1	-1.1
1476053	-2.53	2.4	2.6	3.1	1.9	1.4	1.6	2.9	2.2	1.1	-1.7	-1.6	-2.1	1.6	-1.5	-1.1	-1.4
809557	-2.49	1.1	2.4	2.3	1.3	1.1	1.6	1.4	1.8	1.5	-1.3	-1.1	-1.4	-1.3	-1	-1.3	1.1
150897	-2.43	1.7	4.3	1.2	2	-1.3	-1.3	2.6	1.1	2.3	-1.5	-3.9	-3.1	-2.7	-2.5	-2.9	-1.4
814526	-2.37	1.2	1.7	2.7	1.6	1.1	1.5	-1.1	3.1	1.2	-2.6	-1.8	-1.3	-2.1	-1.2	-1.4	-1.5
796694	-2.31	2.3	1.8	4.5	1.3	1	2.7	2.5	3.9	4.5	-1.4	-1.6	-2.7	1.1	1	-1.3	-1.2
814792	-2.30	1.2	1.2	1.3	1.8	1.5	1.6	1.4	1.1	1.2	-1.9	-1.4	-2.5	1.2	-1.3	-1.3	-1.4
1536236	-2.30	1	1.9	2.4	1.5	1.8	1.3	1.4	2.3	1.4	-2.3	-1.3	1		-1.2	-1.6	-2.4
2017415	-2.27	1.1	1.7	5.7	1.4	3.7	2.2	2	3.6	2.6	-1.1	-1.7	-1.5	1.4	-1.2	-1.7	-2.2
210862	-2.24	1.4	3.9	1.7	1.6	2.4	1.3	1.6	1.7	2.3	-1.6	-2	-1.4	0	1	1.4	-1.4
795543	-2.24	-1.3	1.9	1.9	2.5	1.7	2.7	2.1	3.2	3.3	-1.3	-1.5	-1.1	-1.6	-1.1	1.5	-1.5
773301	-2.22	-1.5	1.4	1.8	2	2	1.9	2.7	10.1	3	-1.9	-2.6	-1.4	-1.2	-2.6	-4.6	-2
700792	-2.22	3.1	1.8	4.2	2.1	2.1	2.9	1.8	2.4	2.9	-1.2	1.5	-1	1.5	-1.3		-2.2
1883327	-2.21	1.5	1.6	2	1.9	2.1	1.6	1.2		6.5	-1.2	-1.3	-1	-1.4	-2	-2.3	-2.1
1523225	-2.19	1.9	1.7	1.5	1.7	1.4		1.6	2.1	2.1	1.2	1	-1.5	-1	-2	1.1	
208718	-2.19	-1	-1.8	5		-1.6	1.4	2.9	3	4.6	-3.8	-7	-3.4	-4.6	-2.7	-3.1	-1.7
1702742	-2.16	8.1	4.9	17.8	1.7	2.4	2.1	2.9	7.5	2.1	1.1	1.2	-1.8	1.7	-2.3	-1.6	-4.6
753378	-2.15	2.6	2	-1.4	1.5	1.4	4.7	2.9	1.7	3.7	-2.1	-2.6	-2.1	1.2	-1.5	-1.1	-1.5
429222	-2.14	1.2	1.6	1.4	1.6	1.2	2	1.7	1.1	1.1	-1.6	1.1	-2.2	-1.5	-1	-1	-1.2
292388	-2.13	-1.1	1	1.9	1.8	-1	1.4	2.3	1.3	2	-1.1	-1.4	-2.1	0	-1.9	-1.5	-1.7
781047	-2.13	1.3	1.4	7.4	-1	2.4	1.9	1.9	2.8	2.3	-1	0	-1.8	-1.2	-1.8	-1.8	-2.7
450854	-2.08	1.4	1.2	1.4	2.3	1.3	1.9	-1.2	1.3	1.5	-1.6	-1.9	-4.1	-1.2	-1.3	-1	-1.7
823598	-2.07	1.1	2.3	1.4	1.7	2.2	3	2.6	1	2.9	-1.2	-1.6	-1.5	-1.4	1.1	1.3	-1.1
1422338	-2.07	1.7	4.7	5.8	3.4	2.8	2.2	2.5	1.6	2.8		1.6	-2.2	-1.4	-2.2	1.1	-7.1
705064	-2.06	1.7	1.8	2.3	1.4	2.1	3.4	1.4	3.6	2.1	1.1	-1.5	-1.4	-1.1	1.5	1.5	-1.6
770675	-2.03	-1.1	1.2	1.4	1.9	1.7	1.3	2.2	1.2	3.6	-1.1	-1.4	-1.6	1	-1.2	-2	-1.5
345787	-2.00	3.1	1.9	3.8	-1.2	3.4	-1	2.2	2.8	2.2	-1.1	-1.2	-1.4	-2	-1.1	1.3	-2.5

471196	-2.00	-1.1	2.3	1.3	-1.9	-1	1.7	2.1	2.4	1.7	-1.2	-1.9	-1.7	-1.2	-5.8	-4.6	-5
753215	-2.00	2	1.4	2.8	-1	1.5	-1.1	-1	1.4	4.4	-1.1	-2	-2.1	1.1	-4	-4.1	-2.7
869375	-1.98	2.5	1.3	5.7	1.6	1.8	1.8	2.4	2.7	2.6	1.6	-1.9	-4.2	-1.4	-1.1	1.4	-1.7
842818	-1.98	-1.3	1.3	1.5	1.6	1.4	-1.1	2	1.3	1.4	-1.5	-2.8	-1.6	-1.1	-1.4	-1	-3.1
229579	-1.98	1.3	2.9	1.6	1.6	2.7	-1.2	1.3	2.1	2.1	1.3	-1.4	-1.3	-1.3	-1.4	-1.3	-1.1
1916461	-1.97	1.1	1	1.2	-1	1.3	1.8	2.3	2.2	1.3	-1.2	-1.4	1.1	-1.6	-1.2	-1.4	-1.7
129294	-1.97	1.8	2.4	2.2	1.5	1.6	-1.1	1.6	1.8	1.1	1.2	-1.2	1.1	1	-2	-1.5	-1.4
789376	-1.97	1.9	2.3	1.8	2.1	1.6	2.3	1.7	2.8	2.9	-1.2	-1.3	-1.6	1.1	-1.3	2.7	-1.1
1897302	-1.97	1.1	1.6	1.3	1.1	2	-1.1	3	1.2	1.8	-1.1	-1.3	-1.4	1.1	-1.8	-1.7	-1.6
951117	-1.96	1.3	2.1	2.2	2.6	2.1	[illegible]	1	-1.2	1.8	-1.4	1	-2	-1.5	-2	-1.2	[illegible]
1642496	-1.95	1.6	2	1.8	1.3	1.7	2.1	1.4	1.9	-1.1	-1.4	-1.1	-1.3	1.4	1.1	-1.1	-1.3
591465	-1.93	-1	2.5	2.2	2	1.2	3.7	2	1.3	1.6	-2.2	-2.3	1.1	1.3	-1.1	-1.5	-1.5
149355	-1.90	2.1	2	2.1	1.5	2.3	-1.1	3.7	1.9	2.3	1.4	1.1	1.3	-1.1	-2	-1.8	-1.8
259950	-1.90	1.5	1.6	4	1.1	1.2	-1.1	2	1.6	-1.2	-1.1	-1.3	-2.3	-1.3	-1.7	-2	-2
897770	-1.89	1.8	1.1	3.6	2.3	1.5	3.4	2.2	7	-1.1	-1.3	-1.6	-1.4	-2.1	1.4	-1.5	-1.2
878798	-1.88	1.2	1	-1.7	2.9	1.5	3.5	2.9	4	2.1	-1.9	-3.1	-1.6	-2	-2.5	1.5	-1.7
746229	-1.87	1.7	4.6	2.1	3	1.9	-1.1	1	2.7	2.3	-1.3	-1.1	-1.3	1.6	-2.1	-1.7	-1.4
624867	-1.86	2.3	4.4	4.1	2.3	1.8	1.3	-1.4	1.3	1.7	-1.5	1.2	-1	-1.1	-2.2	-2.2	-2.1
504308	-1.86	1.5	1.6	13.3	2.3	2.2	[illegible]	2.8	3	4.9	-1.1	1.1	-1.7	-1	-2.2	-1.3	[illegible]
727251	-1.86	1.2	1.4	1.3	1.6	2.2	-1	1.5	2.6	1.6	-1.3	-2.3	-2.5	-1.9	-1.3	1.7	-1.1
897774	-1.85	-1.2	2.7	1.1	1.6	1.3	3	-1.1	1.6	-1.2	-2.1	-3	-1.4	1.2	-1.8	-1.6	-2.9
1901310	-1.84	1.6	1.9	5.3	-1.1	-1.1	1.6	1.3	4.7	1.7	1.4	-1.5	-1.6	-1.4	-3.5	-2.5	-2.6
292936	-1.84	[illegible]	2.7	5.3	1.9	2.6	3.2	1.8	8.4	1.5	1	1.5	-1.8	1	-1	[illegible]	-1.6
1518591	-1.84	2.2	1.9	3.8	1.8	2.4	1.7	0	1.5	-1.2	[illegible]	-1	-1.1	-1.8	-1.3	-1.3	-2.2
321354	-1.81	1.1	1.6	1.8	1.4	-1.1	-1.1	1.6	1.6	2.5	-1.2	-1.1	-1.5	1.3	-1.5	-1.3	-1.8
1903066	-1.81	1.7	7.9	9.5	1.9	6.1	15.5	2.7	2.9	3.8	-1.5	-1	2.4	1.9	-1.7	1.5	1.2
235180	-1.80	2.4	1.5	2.1	1.9	1.5	1.3	1.4	1.5	1	1.5	1	-1.5	-1	-1	-1.2	-1.5
740604	-1.80	3.3	1.8	0	1.8	1.2	1.9	2.8	1.8	1.8	-1.6	1.4	-1.6	[illegible]	-2.4	-1.2	1
233464	-1.80	2.7	1.8	1.4	-1	2	-1.2	1.9	3.2	2.3	1.4	1.1	-1.3	-1.3	-1.6	-2.3	-1.3
951241	-1.80	2.5	2.4	[illegible]	2	1.6	1	1.4	1	1.5	1.1	1.3	-1.8	-1.3	-2.4	-1.4	-3.4
1587847	-1.79	-1.4	4.1	3.3	1.7	-1.3	1.7	2.2	4.5	1.7	-2.2	-1.5	-1.8	1.2	-1.2	-1.4	-1.7
624390	-1.78	-1.6	2.4	1.7	2.3	1.2	2.3	-1.1	2.3	2	-1.3	-1.2	-1.5	1.3	-2.2	-1.6	-2.3
128711	-1.78	2.5	2.3	10.5	1.3	1.8	1.5	2.4	2.3	1.4	-1.1	1.4	-2.2	1.1	-2.8	-1.5	-8.7
308633	-1.77	1.9	-1.1	2.8	1.3	2.5	-1.1	2.3	1.1	1.6	-1.7	-1.3	-1.8	1.7	-1.7	-2	-2.5
884425	-1.76	-1.1	1.9	1.5	1.9	1.2	1.3	1.8	2.2	1.9	-1.5	1.5	-1.6	-1.2	-1	1.2	-1.6
745394	-1.76	1.2	1.3	1.8	2.3	2.2	[illegible]	1.9	-1.3	3.4	-1.5	-1.1	-1.9	-1.3	-1.2	-1.2	[illegible]
852829	-1.76	1.7	1.5	1.4	1.2	2	1	2.3	2.3	1.7	1	1.2	1.3	-1	-1.6	-1	-1.1

122241	-1.75	-1	1.5	1.3	2.5	1.4	1.6	1.3	1.4	1.7	-1.4	1.2	1.1	1.2	-1.5	-1.1	-1.3
307255	-1.73	-1.3	4.9	11.9	1.8	2.2	1.3	3.2	6.1	2.5	-1.1	1.2	1.4	-2	-2.8	-3.2	-1
32493	-1.73						3.3	1.1	1.3	1.3	-2.4		-5.1	-1.3	-4.5	-2.1	-4.9
454896	-1.72	2.2	2.3	-1.1	2.2	2.1	-1.5	1.5	1.2	1.7	-1.2	-1.1	-1.6	-1.1	-1.4	-1.4	-1.2
1876217	-1.72	1.5	1.9	1.4	2.5	1.4	1.7	-1	-2	1.4	-2	-1.2	-1.5	-1.1	-1.8	-1.4	-1.6
815556	-1.72	-1.4	10.5	5.3	1.6		1	1.7	-1.7	3.6	-3.1	-1.5	-2.2	1.1	-3.9	-5.5	-6
589869	-1.71	1.9	1.9	1.9	1.3	1.7		2.1	4.8	2.5	-1.2	1.6	1.4	-1.4	-1.1	-1.4	
2012523	-1.71	1.7	-1.3	2.9	1.4	1.7	-1	3	12.4	8.6	1.2	-1.9	-1.4	1	-3.5	-3.7	-3.5
1946448	-1.71	-2.4	1.2	2.2	-1.7	-1.7	1.3	3	1.6	1.6	-1.8	-1.9	-2.1	-1.9	-3.6	-7.7	-2.6
841370	-1.70	-1.6	2.1	1.9	2.1	1.6	1.3	1.7	1.9	1.6	-2.8	-1.1	-1.4	1	-1.2	1.1	-1.3
1600239	-1.70	1.8	3	3.2	3.8	2.1	6.2	-2	1.1	1	-1.7	-2.8	-1	-1	-3.5	-1.4	-2
462926	-1.70	1.7	1.7	1.5	-1.1	1.2	-1.3	1.4	2.7	1.9	-2	-1.3	-1.6	1.5	-1.3	-1.6	-1.7
144880	-1.70	1.6	3.4	4.4	2	2.4	2.2	1.2	3.1	2	1.4	1.2	-1.1	1.7	-1.9	1.3	1.3
744047	-1.69	-1	1.3	10.7	2.4	3.2	3.9	1.2	3.9	1.2	-1.7	-1.3	-2.4	1.4	-1.4	-1.1	-2.3
624627	-1.69	-1.1	-1	2.5	1.4	2.5	2	2	1.6	4.3	-1.1	-1.1	-1	1.2	-1.6	-1.2	-3.5
788566	-1.68	1.2	1.4	2.1	2.1	1.4	-1	1.9	-1.1	1.9	1.2	1.1	1.1	-1.1	-2.1	-1.8	-2.2
858293	-1.67	1	1.5	1.4	1.3	1.4	1.4	1.6	1.6	3.1	-1.7	-1	-1.7	-1.3	-1.6	1.9	-1.4
470148	-1.66	1.4	1.3	-1.2	1.1	1.2	-1.7	1	-1.1	-1.6	-2	-2.5	-1.8	1.1	-2.5	-3	-1.8
66902	-1.65	2.5	2.7	2.8	1.6	1.8	-1.2	1.3	2.2	1.5	1.6	1.1	1	-1.2	-4.1	-2.5	-1.3
77533	-1.65	-1.2	2.4	1.8	2.1	1.9		1.2	1.3	1.3	-1.9	-1.3	-1.5	1	-1.1	1	
825282	-1.64	1	1.6	2.4	1.4	2.1	3.9	2	-1.6	1.2	-1.6	-1.3	-2	-1.3	-1.1	-1.2	-1.1
785840	-1.64			-1	2.5	1.7	2.3	3.2	1.9	3.5	-1.2	1.1	-1.6	1.3	-1	1.4	1.1
824962	-1.64	-1	5.6	5.9		2.5	5.5	2.9	2.7	5.2		1.5	-1.4		1	1.5	-1.7
741139	-1.64	1.3	-5	4.1	-1.2	-1.3		0	1.8	-2.4	-12.1	-4.6	-2.4	-4.6	-6.5	-5.7	
809530	-1.63	1.2	1.6	2.4	1.3	1.6	1.5	-1.1	1.2	-1.7	1	-1.1	-2.7	-1.3	-1.8	-1.5	-2
2054635	-1.63	2.3	2	1.3	2	1.3	2.3	-1.3	1.4	1	-1.7	-1.4	1.3	1.3	-1.5	-1.3	-1.8
813533	-1.62	1.8	1	1.2	1.1	1		3.2	3.3	1.2	-1.8	-1.4	-2.2	-1.5	1.1	-1.5	
267816	-1.62	1.1	3.7	1.1	1.5	1.1	4.5		3.2	2.4	-1.1	-1.4	-2.1	-1.2	1.1	-1.7	
306318	-1.61	-1	2	3.3	3.2	1.9	1.3	2.8	2.4	1.1	-1.7	-2.4	-1.8	-1.2	1.6	1.8	-1.8
796469	-1.61			2.6	1.6	1.4	3	3	3.8	2.6	-1.9	1	-3.8	1.7	1.8	1	-1.6
813256	-1.60	1.4	-1.1	-1.1	1.5	1.4		3.3	-1.7	1	-1.2	-1.8	-2.1	-2	-5.1	-4.8	
843121	-1.60	-1	2.4				2.9	4.1	12.1	2.7	-1.7	-1.7	1.4	-1.2	-1.6	-1.3	1.1
713685	-1.60	-1.3	1.2	1.4	1.4	0	1	2.7	1.9	2	-1.3	-1.8		-1.4	1.1	-1.4	-1.8
811590	-1.60	1.4	2.5	1.6	1.1	1.5	-1.5	2.3	2.1	1.9	-1.3	1.1	-1.2	-1.5	1.1	-1.1	-1.7
823756	-1.60	1.5	2.6	1.5	-1.2	1.1	1.5	2.7	1.6	1	-1.2	-1.4	-1.3	1	1.2	-1.7	-1.3
549073	-1.60	1.1	-1.3	1.9		1.8	3.1	1.8	1.7	2.7	-1.9	-1.2	-3	-1.3	-1.2	1	1.4
743810	-1.60	2.6	1.4	3.8	1.5	1.5	1.1	-1.4	2.5	1	-1.4	1.1	-1.6	-1.1	-1.5	-1.2	-3.3

377368	-1.60	1.9	-1	1.2	1.3	1.8	1.7	1.1	1.5	2.7	-1.5	1.6	1	-1.1	-1.5	-1.5	-1.7
1506046	-1.59	1.1	2.5	2	1.3	2.2	3.4	-1.1	2.2	-1	-1.4	1.2	1.4	-1.9	-1.1	-1.5	-1.5
814270	-1.59	1.5	1.7	4.2	1	1.4	1.2	2.6	1.5	2.2	-1.2	1.9	-1.2	-1	-1.4	-1.5	-2.5
1604703	-1.59	-1.4	2.7	1.9	4.2	1.8		1.3	1.7	1.1	-1.2	-2	-1	-1.1	-3.1	-3.3	
234736	-1.58	1.6	2	1.4	1.4	1.6	1.2	1.3	1.9	2	-1	-3.7	-1.8	1.7	1.5	-1.7	-2.7
429182	-1.57	1.6	-1.2	1.1	1.8	-1.2	1.5	1.9	1.1	2.4	-3.8	-1	-1.4	-2.1	1.1	1	-1.8
826355	-1.57	1.8	6.3	-1.2	3.7	4.4	1.2	1.9	2.3	-1.3	-1.5	-1.3	1.4	-1	-1.8	-1.9	-1.9
34149	-1.57	1.2	1.5	2.2	2.1	1.5	1.8		1.2	2.1	-1.1	-1.3	-1.6			1.4	
746190	-1.56	2.3	1.1	1.6	1.5	1.4	1.1	1.1	1.7	1.7	-1.2	1.3	-1	-1	1.1	-1.4	1.2
131091	-1.56	1.9	1.8				2.1	1.4	1.9	-1.1	-2.2	-1	1.2	1.2	-1.3	-1.4	-1.4
665384	-1.56	1.4	2.2	3.1	2.5	2.2	-1.5	1	2.3	1.9	-1.5			-1.1	-2.1	1.1	-1.8
625683	-1.55	1.4	2.1	2	1.3	1.2	1.5	-1.1	1.4	1	-1.1	-1.2	-1.6	1	-1.9	1.1	1.2
1582738	-1.54	3.5	1.6	1.1	2.1	1.9	-1.7	4.8	-1.1	3.2	1.1	-1.2	-1.2	-1.1	-2.3	-2	-1.8
949988	-1.54	-1.7	-1	2.3	1.1	1	1.9	1.6	3.4	-1	-1	-1.1	-1.6	-1.8	-3.1	-1.5	-3.1
133213	-1.54	1.7	1.3	1.8	1.1	1.8	1	-1.4			-1	-1.1	-1.4	-2.1		-2	-2
1660666	-1.54	1.6	1.9	2.3	2	3.6	1.2	-1.1	-1.3	2.1	-1	1.1	0		-2	-2	-1.9
713158	-1.54	1.8	1.9	2	1.7	1.8	1	2	4.5		1.4	-1.4	-1		-1.6	-2.9	
1614140	-1.53	1.3	1.4				1.3	-1.5	2.1	1.1	-1	-1.2	-1.6	-1.4	-1.7	-1.7	-1.7
201890	-1.53	1	-1.5	2.4	1.1	-1.1	1.3	6.2	1.2	1.6	-1.7	-2.7	-1.6	1.1	-2	-1.9	-1.8
38925	-1.53	6.5	-1	1.1	1.6	2.6	-1.1	-1.3	2.1	5	-2.6	-1.5	-2	-1.8	-1.4	1.2	-1.5
511850	-1.53	2.1	1.3	1.1	1.3	1.7	1.5	-1	1.1	1.1	1.1	-1.6	1	1.2	-1.6	-1.1	-1.3
489489	-1.52	-1.8	2	3.1	1.8	1.5		1.2	1.9	1.9	-1.8	-1.9	-1.7	-1	-4.5	1.1	
825470	-1.52	2.2	-1.1	5.3	1.6	1	2.6	1.6	5.7	9	-1	1.3	-2.3	-1.3	1.1	1	-1.7
42831	-1.51	-1.3	3.6	3.6	2.3	1.3	3.6	1.8	3.4	2.3	-1.3	2.4	-1.3	-1.7	-1.1	1.5	-2.4
809784	-1.51	1.1	-1.5	9.4	1.5	1.1	4.3	3.1	1	-1	-1.9	-1.9	-1.1	-1.5	-4.2	-2	-1.4
730410	-1.51	-1.4		1.1	1.9	1.1	-1.6	2.2	4.3	1.4	1.2	-1.4	-1.8	-1.5	-4	-3.5	-3
810983	-1.51	1.9	2.8	2.2	1.3	1.2	-1.3	-1.3	1.6	-1.3	-1.6	-1.3	1.1	-1.4	-2.2	-1.4	-1.6
731223	-1.51	2.4	2	2.1	1.2	2.1	-1.7	1.1	-1	1.3	1.2	-1	-1.4	-1.7	-2.1	-1.5	-2.8
259017	-1.51	2.1	1.3	1.3	1.3	2	4.2	2.3	3.9	2	1.5	1.2	1.1	-1.5	-1.6	-1.2	1.8
340745	-1.50	2.1	2.4	1.9	1.8	1.3		-1.2	-1.2	1.2	-1.4	-1.6	-1.7	-1.3	-1.7	1.2	
746163	-1.50	1.2	1.7	2.7	1.9	1.8	1.7	1.3	1.7	2.1	1.3	-1.1	-1.2	1.9	1.2	-1.3	1.2
1466621	-1.50	1.6	1.1	1.4	2.1	1	1.2	1.3	-1.4	3.6	-1.3	1.1	-2.1	1	-2.6	-1.3	-1.5
809588	-1.50	1.1	1.2	2	1	-1.1	1.1	3.5	2.5	2.5	-6.2	1.5	-1.6	-3.8	1.5	-2.1	-2.2
813707	-1.49	1.2	1.9	1.3	9.1	1.9	5.4	3.2	1.3	1	-5.3	-4	-1.1	1.1	-1	-1.9	1.5
188335	-1.49	1.5	-1.4	1	1.5	1.1	-1.4	1.9	2.7	-1.3	-1.1	-1.9	-1.1	-1.1	-2.7	-3.5	-2.6
1493160	-1.49	1.1	15.9	8.9	1.9	10.2	1.7	45.9	83.6	1.3	1.9	-1.5	1	-1.3	-1.4	-1.9	-1
531886	-1.48	1.5	-1.3	1.2	1.5	-1.2	1.8	2.1	5.6	1.1	1.5	-1.4	-1.6	-1.7	-2.2	-3.3	-1.4

753428	-1.48	1.1	1	12.6	1.1	2.8	-1.2	-1.7	8	7.2	-1.5	-1.9	-1.4	-1.5	-4.1	-1.3	-4.7
897731	-1.48	1.1	1	-1.5	-1.2	1.1	[illegible]	1.1	2.7	1.5	-1.5	-1.8	-1.9	-2.1	-1.3	-1.4	[illegible]
376551	-1.48	2.1	1.7	1.5	1.3	1.5	1.2	-1.1	[illegible]	2	1.3	-1.4	-2.7	-1	[illegible]	-1.2	-1.1
256907	-1.48	2.6	1.5	1	1	1.7	-1.2	4.4	1.2	3	1.1	-1.7	1.3	-1.4	-1.9	-1.1	-2.5
712139	-1.47	-1.7	2.1	[illegible]			1.5	2.2	2.5	-1.2	-3.3	-1.7	-1.5	-1.5	-6	-4.4	1.1
785368	-1.47	2.3	1.6	10.3	1.2	1.7	3.2	1.4	-1.2	1.5	0	1.1	-1.7	1.1	-1.5	-2.4	-1.9
825606	-1.47	1.5	1.6	5.6	-1.5	1.9	1.1	1.5	1.3	1.7	-1.3	-1.4	-2.1	1.1	-1.5	1.1	-2
531319	-1.47	1.6	1.9	4.1	2.1	-1.1	4.3	-1.1	5.5	-1.4	-3.9	-1.1	-3.1	1.3	-1.7	1.4	-2.4
66406	-1.46	1.4	1.7	8.4	1	1.3	2.7	2	3.8	1.6	-1.7	1.1	-1.5	1.5	-1.2	1.3	-2.9
470124	-1.46	1.1	1.8	-1	1.1	1.8	1	2.6	2.2	2.4	-1.5	-1.4	-2.4	1.3	-1.2	1.1	1.1